

Last login: Wed Feb 23 00:04:07 on console

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit <https://support.apple.com/kb/HT208050>.

2 Online Monitors found

Main display: 0x1509c341

```
-----
DISPLAYS = [
    Monitor[0] = {
        DisplayID = 0x1509c341;
        PrimaryID = 0x1509c341;
        IOService (deprecated) = 0x2813;
        Brightness = 1 (err:1000);
        IsModeVRR = 0;
        SupportsHDR(SLS) = 1;
        SupportsHDR(CGS) = 1;
        HDREnabled(SLS) = 0;
        HDREnabled(CGS) = 1;
    }, // Monitor[0]
    Monitor[1] = {
        DisplayID = 0x4280f80;
        PrimaryID = 0x1509c341;
        IOService (deprecated) = 0x1f03;
        Brightness = 0.0625 (err:0);
        IsModeVRR = 0;
        SupportsHDR(SLS) = 0;
        SupportsHDR(CGS) = 1;
        HDREnabled(SLS) = 1;
        HDREnabled(CGS) = 1;
    }, // Monitor[1]
]; // DISPLAYS
-----
IOSERVICE = [
    Monitor[0]: /AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2/
AppleIntelFramebuffer@1 = {
    DisplayInfo = {
        DisplayInfo properties = {
            DisplayBluePointX = "0.1464844";
            DisplayBluePointY = "0.05078125";
            DisplayBrightnessAffectsGamma = 1;
            DisplayBundle = "CFBundle 0x7f7ad2c04a30 </System/
Library/Displays> (not loaded)";
            DisplayGreenPointX = "0.2089844";
            DisplayGreenPointY = "0.7138672";
            DisplayHorizontalImageSize = 700;
            DisplayProductID = 9997;
            DisplayProductName = {
                ar = M27Q;
```

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        "ca_ES" = M27Q;
        "cs_CZ" = M27Q;
        "da_DK" = M27Q;
        "de_DE" = M27Q;
        "el_GR" = M27Q;
        "en_AU" = M27Q;
        "en_GB" = M27Q;
        "en_US" = M27Q;
        "es_ES" = M27Q;
        "es_XL" = M27Q;
        "fi_FI" = M27Q;
        "fr_CA" = M27Q;
        "fr_FR" = M27Q;
        "he_IL" = M27Q;
        "hi_IN" = M27Q;
        "hr_HR" = M27Q;
        "hu_HU" = M27Q;
        id = M27Q;
        "it_IT" = M27Q;
        "ja_JP" = M27Q;
        "ko_KR" = M27Q;
        ms = M27Q;
        "nb_NO" = M27Q;
        "nl_NL" = M27Q;
        "pl_PL" = M27Q;
        "pt_BR" = M27Q;
        "pt_PT" = M27Q;
        "ro_RO" = M27Q;
        "ru_RU" = M27Q;
        "sk_SK" = M27Q;
        "sv_SE" = M27Q;
        "th_TH" = M27Q;
        "tr_TR" = M27Q;
        "uk_UA" = M27Q;
        "vi_VN" = M27Q;
        "zh_CN" = M27Q;
        "zh_TW" = M27Q;
    };
    DisplayRedPointX = "0.6552734";
    DisplayRedPointY = "0.3242188";
    DisplayVendorID = 7252;
    DisplayVerticalImageSize = 390;
    DisplayWeekManufacture = 8;
    DisplayWhiteGamma = "2.2";
    DisplayWhitePointX = "0.3134766";
    DisplayWhitePointY = "0.3291016";
    DisplayYearManufacture = 2021;
    IODisplayAttributes = {length = 40, bytes = 0x67617476
00000000 73676c66 00000000 ... 676c6664 01000000 };
    IODisplayConnectFlags = {length = 4, bytes =

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0x00000000};
    IODisplayEDID = {length = 384, bytes = 0x00ffffff
ffffff00 1c540d27 01010101 ... 00000000 0000fd93 };
    IODisplayEDIDOriginal = {length = 384, bytes =
0x00ffffff fffffff00 1c540d27 01010101 ... 00000000 0000fd93 };
    IODisplayIsDigital = 1;
    IODisplayIsHDMISink = 0;
    IODisplayLocation = "IOService:/
AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2/
AppleIntelFramebuffer@1/display0/AppleDisplay";
    IODisplayPrefsKey = "IOService:/
AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/
IGPU@2-1c54-270d-1e1e4a22636036ea";
    IODisplayVSDDB030C00 = {length = 4, bytes =
0x1000383c};
    IODisplayVSDDB1A0000 = {length = 10, bytes =
0x020130aa00000000000000};
    IODisplayVSDBD85DC4 = {length = 4, bytes =
0x01788003};
    IOFBTransform = 0;
    "display-icon" = "public.display";
    drng = {length = 18, bytes =
0x000000fd0030a5f3f33c010a202020202020};
    trng = {length = 312, bytes = 0x00000000 00000000
00000000 00000000 ... 00000000 00000000 };
}; // DisplayInfo properties
DisplayVendorID = "GBT";
DisplayProductID = 9997 (0x270d);
IODisplayIsHDMISink = false;
IODisplayIsDigital = true;
DisplayBrightnessAffectsGamma = true;
DisplayImageSize = 700x390mm;
IOFBTransform = 0°;;
IODisplayAttributes = [
    [0] = { kConnectionVendorTag                vtag =
0x00000000 : },
    [1] = { kConnectionFlags                    flgs =
0x00000000 : },
    [2] = { kConnectionColorModesSupported     colr =
0x00000001 : RGB, },
    [3] = { kConnectionControllerDitherControl øgdc =
0x00808080 : RGB Default,444 Default,422 Default, },
    [4] = { kConnectionDisplayFlags            dflg =
0x00000001 : NeedsCEAUnderscan, },
]; // IODisplayAttributes
IODisplayConnectFlags = ;
    IODisplayEDID =
00ffffff001c540d2701010101081f0104b5462778fbc85a75335b6250d5054
2fcf00d1c001010101010181809500b3000101565e00a0a0a0295030203500544f2100
001e000000fd0030a5f3f33c010a202020202020000000fc004d3237510a2020202020

```

```
202020000000ff003231303830423030303339390a02f502033f714902031112042f90
3f05230917078301000067030c001000383c67d85dc4017880036d1a0000020130aa00
0000000000e305e301e606050164641e00fa0050a0a01f500a3c3500544f2100001ef5
bd0064a0a055501220f80c544f2100001ed58980c870384d404420f80c544f2100001e
00000000000000000000001970122e00000301140e0b0100ff099f002f801f009f052700
190007000301145fe80000ff0977001b001f009f05660008000700fd00000000000000
00000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000fd93
```

```
IODisplayEDIDOriginal =
```

```
00ffffffffffff001c540d2701010101081f0104b5462778fbc85a75335b6250d5054
2fcf00d1c001010101010181809500b3000101565e00a0a0a0295030203500544f2100
001e000000fd0030a5f3f33c010a202020202020000000fc004d3237510a2020202020
202020000000ff003231303830423030303339390a02f502033f714902031112042f90
3f05230917078301000067030c001000383c67d85dc4017880036d1a0000020130aa00
0000000000e305e301e606050164641e00fa0050a0a01f500a3c3500544f2100001ef5
bd0064a0a055501220f80c544f2100001ed58980c870384d404420f80c544f2100001e
00000000000000000000001970122e00000301140e0b0100ff099f002f801f009f052700
190007000301145fe80000ff0977001b001f009f05660008000700fd00000000000000
00000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000fd93
```

```
}; // DisplayInfo
```

```
IODisplayParameters = {
```

```
    bgsc = {
        max = 65536;
        min = 0;
        value = 65536;
    };
    cmod = {
        max = 4096;
        min = 0;
        value = 1;
    };
    colr = {
        max = "-1";
        min = 0;
        value = 257;
    };
    cyuv = {
        max = 268435456;
        min = 0;
        value = 268435456;
    };
    ggsc = {
        max = 65536;
        min = 0;
        value = 65536;
    };
    ownr = 4294968666;
    pscn = {
```

```

        max = 10000;
        min = 8800;
        value = 9484;
    };
    rgsc = {
        max = 65536;
        min = 0;
        value = 65536;
    };
    vblm = {
        max = 196608;
        min = 0;
        value = 65536;
    };
}; // IODisplayParameters

IOFramebuffer 0x2813 = {
    IOFramebuffer properties = {
        "AAPL,DisplayPipe" = {length = 4, bytes = 0x01000000};
        IOAccelIndex = 1;
        IOAccelRevision = 2;
        IOAccelTypes = "IOService:/AppleACPIPlatformExpert/
PCI0@0/AppleACPIPCI/IGPU@2/IntelAccelerator";
        IOCFPlugInTypes = {
            "ACCF0000-0000-0000-0000-000a2789904e" =
"IOAccelerator2D.plugin";
        };
        IODisplayParameters = "IOFramebufferParameterHandler
is not serializable";
        IOFBCLUTDefer = 1;
        IOFBConfig = {
            DM = {length = 36, bytes = 0x80070000 38040000
00000000 01000000 ... 00000000 00000000 };
            IOFBDetailedTimings = (
                {length = 160, bytes = 0x00300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x01300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x02300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x03300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x04300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x05300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x06300080 00000000
00000000 00000000 ... 00000000 00000000 },
                {length = 160, bytes = 0x07300080 00000000
00000000 00000000 ... 00000000 00000000 },
            )
        }
    }
};

```

[illegible]

[illegible]

```

        {length = 160, bytes = 0x3a300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x3b300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x3c300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x3d300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x3e300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x3f300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x40300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x41300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x42300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x43300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x44300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x45300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x46300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x47300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x48300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x49300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x4a300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x4b300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x4c300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x4d300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x4e300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x4f300080 00000000
00000000 00000000 ... 00000000 00000000 }
    );
    IOFBModes = (
        {
            DM = {length = 36, bytes = 0x000a0000
a0050000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471360";

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    TM = {length = 160, bytes = 0x00300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x000a0000
a0050000 57f33b00 01000000 ... 00000000 00000000 };
    ID = "-2147471359";
    TM = {length = 160, bytes = 0x01300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    AID = 262;
    DM = {length = 36, bytes = 0x00050000
00040000 51064b00 01000000 ... 00000000 00000000 };
    ID = "-2147471358";
    TM = {length = 160, bytes = 0x02300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    AID = 262;
    DM = {length = 36, bytes = 0x00050000
00040000 51064b00 01000000 ... 00000000 00000000 };
    ID = "-2147471357";
    TM = {length = 160, bytes = 0x03300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    AID = 204;
    DM = {length = 36, bytes = 0x00040000
00030000 51074b00 01000000 ... 00000000 00000000 };
    ID = "-2147471356";
    TM = {length = 160, bytes = 0x04300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    AID = 204;
    DM = {length = 36, bytes = 0x00040000
00030000 51074b00 01000000 ... 00000000 00000000 };
    ID = "-2147471355";
    TM = {length = 160, bytes = 0x05300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    AID = 200;
    DM = {length = 36, bytes = 0x00040000
00030000 c1114600 01000000 ... 00000000 00000000 };
    ID = "-2147471354";
    TM = {length = 160, bytes = 0x06300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },

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```

        {
            AID = 200;
            DM = {length = 36, bytes = 0x00040000
00030000 c1114600 01000000 ... 00000000 00000000 };
            ID = "-2147471353";
            TM = {length = 160, bytes = 0x07300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            AID = 190;
            DM = {length = 36, bytes = 0x00040000
00030000 fb003c00 01000000 ... 00000000 00000000 };
            ID = "-2147471352";
            TM = {length = 160, bytes = 0x08300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            AID = 190;
            DM = {length = 36, bytes = 0x00040000
00030000 fb003c00 01000000 ... 00000000 00000000 };
            ID = "-2147471351";
            TM = {length = 160, bytes = 0x09300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            AID = 186;
            DM = {length = 36, bytes = 0x20030000
58020000 00004b00 01000000 ... 00000000 00000000 };
            ID = "-2147471350";
            TM = {length = 160, bytes = 0x0a300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            AID = 186;
            DM = {length = 36, bytes = 0x20030000
58020000 00004b00 01000000 ... 00000000 00000000 };
            ID = "-2147471349";
            TM = {length = 160, bytes = 0x0b300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            AID = 184;
            DM = {length = 36, bytes = 0x20030000
58020000 04304800 01000000 ... 00000000 00000000 };
            ID = "-2147471348";
            TM = {length = 160, bytes = 0x0c300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            AID = 184;

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DM = {length = 36, bytes = 0x20030000
58020000 04304800 01000000 ... 00000000 00000000 };
ID = "-2147471347";
TM = {length = 160, bytes = 0x0d300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 182;
DM = {length = 36, bytes = 0x20030000
58020000 08513c00 01000000 ... 00000000 00000000 };
ID = "-2147471346";
TM = {length = 160, bytes = 0x0e300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 182;
DM = {length = 36, bytes = 0x20030000
58020000 08513c00 01000000 ... 00000000 00000000 };
ID = "-2147471345";
TM = {length = 160, bytes = 0x0f300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 180;
DM = {length = 36, bytes = 0x20030000
58020000 00403800 01000000 ... 00000000 00000000 };
ID = "-2147471344";
TM = {length = 160, bytes = 0x10300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 180;
DM = {length = 36, bytes = 0x20030000
58020000 00403800 01000000 ... 00000000 00000000 };
ID = "-2147471343";
TM = {length = 160, bytes = 0x11300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 154;
DM = {length = 36, bytes = 0x80020000
e0010000 00004b00 01000000 ... 00000000 00000000 };
ID = "-2147471342";
TM = {length = 160, bytes = 0x12300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 154;
DM = {length = 36, bytes = 0x80020000
e0010000 00004b00 01000000 ... 00000000 00000000 };

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ID = "-2147471341";
TM = {length = 160, bytes = 0x13300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 152;
DM = {length = 36, bytes = 0x80020000
e0010000 0dcf4800 01000000 ... 00000000 00000000 };
ID = "-2147471340";
TM = {length = 160, bytes = 0x14300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 152;
DM = {length = 36, bytes = 0x80020000
e0010000 0dcf4800 01000000 ... 00000000 00000000 };
ID = "-2147471339";
TM = {length = 160, bytes = 0x15300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 150;
DM = {length = 36, bytes = 0x80020000
e0010000 cff33b00 01000000 ... 00000000 00000000 };
ID = "-2147471338";
TM = {length = 160, bytes = 0x16300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 150;
DM = {length = 36, bytes = 0x80020000
e0010000 cff33b00 01000000 ... 00000000 00000000 };
ID = "-2147471337";
TM = {length = 160, bytes = 0x17300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 510;
DM = {length = 36, bytes = 0x80070000
38040000 00003c00 01000000 ... 00000000 00000000 };
ID = "-2147471336";
TM = {length = 160, bytes = 0x18300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
AID = 510;
DM = {length = 36, bytes = 0x80070000
38040000 00003c00 01000000 ... 00000000 00000000 };
ID = "-2147471335";
TM = {length = 160, bytes = 0x19300080

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00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        AID = 260;
        DM = {length = 36, bytes = 0x00050000
00040000 0d053c00 01000000 ... 00000000 00000000 };
        ID = "-2147471334";
        TM = {length = 160, bytes = 0x1a300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        AID = 260;
        DM = {length = 36, bytes = 0x00050000
00040000 0d053c00 01000000 ... 00000000 00000000 };
        ID = "-2147471333";
        TM = {length = 160, bytes = 0x1b300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0xd0020000
e0010000 a7f03b00 01000000 ... 00000000 00000000 };
        ID = "-2147471332";
        TM = {length = 160, bytes = 0x1c300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0xd0020000
e0010000 a7f03b00 01000000 ... 00000000 00000000 };
        ID = "-2147471331";
        TM = {length = 160, bytes = 0x1d300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0xd0020000
40020000 00003200 01000000 ... 00000000 00000000 };
        ID = "-2147471330";
        TM = {length = 160, bytes = 0x1e300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0xd0020000
40020000 00003200 01000000 ... 00000000 00000000 };
        ID = "-2147471329";
        TM = {length = 160, bytes = 0x1f300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x00050000
d0020000 00003c00 01000000 ... 00000000 00000000 };
        ID = "-2147471328";
    }

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    TM = {length = 160, bytes = 0x20300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x00050000
d0020000 00003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471327";
    TM = {length = 160, bytes = 0x21300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x00050000
d0020000 00007800 01000000 ... 00000000 00000000 };
    ID = "-2147471326";
    TM = {length = 160, bytes = 0x22300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x00050000
d0020000 00007800 01000000 ... 00000000 00000000 };
    ID = "-2147471325";
    TM = {length = 160, bytes = 0x23300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x80070000
38040000 00003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471324";
    TM = {length = 160, bytes = 0x24300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x80070000
38040000 00003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471323";
    TM = {length = 160, bytes = 0x25300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x80070000
38040000 00007800 01000000 ... 00000000 00000000 };
    ID = "-2147471322";
    TM = {length = 160, bytes = 0x26300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
    DM = {length = 36, bytes = 0x80070000
38040000 00001e00 01000000 ... 00000000 00000000 };
    ID = "-2147471321";
    TM = {length = 160, bytes = 0x27300080

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00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x80070000
38040000 00001e00 01000000 ... 00000000 00000000 };
        ID = "-2147471320";
        TM = {length = 160, bytes = 0x28300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x80070000
38040000 89da8f00 01000000 ... 00000000 00000000 };
        ID = "-2147471319";
        TM = {length = 160, bytes = 0x29300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x00050000
d0020000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471318";
        TM = {length = 160, bytes = 0x2a300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x20030000
58020000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471317";
        TM = {length = 160, bytes = 0x2b300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x00040000
00030000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471316";
        TM = {length = 160, bytes = 0x2c300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x00040000
40020000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471315";
        TM = {length = 160, bytes = 0x2d300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x00050000
c0030000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471314";
        TM = {length = 160, bytes = 0x2e300080
00000000 00000000 00000000 ... 00000000 00000000 };
    }

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    },
    {
        DM = {length = 36, bytes = 0x40050000
f0030000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471313";
        TM = {length = 160, bytes = 0x2f300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x40050000
f4020000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471312";
        TM = {length = 160, bytes = 0x30300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0xa0050000
84030000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471311";
        TM = {length = 160, bytes = 0x31300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x90060000
1a040000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471310";
        TM = {length = 160, bytes = 0x32300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x40060000
b0040000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471309";
        TM = {length = 160, bytes = 0x33300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x40060000
84030000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471308";
        TM = {length = 160, bytes = 0x34300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x80070000
38040000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471307";
        TM = {length = 160, bytes = 0x35300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },

```

```

        {
            DM = {length = 36, bytes = 0x80070000
b0040000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471306";
            TM = {length = 160, bytes = 0x36300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x00080000
80040000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471305";
            TM = {length = 160, bytes = 0x37300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x000a0000
40060000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471304";
            TM = {length = 160, bytes = 0x38300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x200d0000
34080000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471303";
            TM = {length = 160, bytes = 0x39300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x400b0000
08070000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471302";
            TM = {length = 160, bytes = 0x3a300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x00080000
00050000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471301";
            TM = {length = 160, bytes = 0x3b300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x72060000
1a040000 57f33b00 01000000 ... 00000000 00000000 };
            ID = "-2147471300";
            TM = {length = 160, bytes = 0x3c300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {

```

```

DM = {length = 36, bytes = 0x00050000
d0020000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471299";
TM = {length = 160, bytes = 0x3d300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x20030000
58020000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471298";
TM = {length = 160, bytes = 0x3e300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x00040000
00030000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471297";
TM = {length = 160, bytes = 0x3f300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x00040000
40020000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471296";
TM = {length = 160, bytes = 0x40300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x00050000
c0030000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471295";
TM = {length = 160, bytes = 0x41300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x40050000
f0030000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471294";
TM = {length = 160, bytes = 0x42300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x40050000
f4020000 57f33b00 01000000 ... 00000000 00000000 };
ID = "-2147471293";
TM = {length = 160, bytes = 0x43300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0xa0050000

```

```

84030000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471292";
                                TM = {length = 160, bytes = 0x44300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x90060000
1a040000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471291";
                                TM = {length = 160, bytes = 0x45300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x40060000
b0040000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471290";
                                TM = {length = 160, bytes = 0x46300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x40060000
84030000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471289";
                                TM = {length = 160, bytes = 0x47300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x80070000
38040000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471288";
                                TM = {length = 160, bytes = 0x48300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x80070000
b0040000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471287";
                                TM = {length = 160, bytes = 0x49300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x00080000
80040000 57f33b00 01000000 ... 00000000 00000000 };
                                ID = "-2147471286";
                                TM = {length = 160, bytes = 0x4a300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                },
                                {
                                DM = {length = 36, bytes = 0x000a0000
40060000 57f33b00 01000000 ... 00000000 00000000 };

```

```

        ID = "-2147471285";
        TM = {length = 160, bytes = 0x4b300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x200d0000
34080000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471284";
        TM = {length = 160, bytes = 0x4c300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x400b0000
08070000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471283";
        TM = {length = 160, bytes = 0x4d300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x00080000
00050000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471282";
        TM = {length = 160, bytes = 0x4e300080
00000000 00000000 00000000 ... 00000000 00000000 };
    },
    {
        DM = {length = 36, bytes = 0x72060000
1a040000 57f33b00 01000000 ... 00000000 00000000 };
        ID = "-2147471281";
        TM = {length = 160, bytes = 0x4f300080
00000000 00000000 00000000 ... 00000000 00000000 };
    }
);
IOFBScalerUnderscan = 1;
IOFBmHz = 1;
IOFBtv = 1;
dims = {length = 16, bytes =
0x000a0000a005000000002000007000000};
};
IOFBCurrentPixelClock = 241500000;
IOFBCurrentPixelCount = 4028320;
IOFBCurrentPixelCountReal = 4028320;
IOFBCursorInfo = (
    {length = 104, bytes = 0x01000000 00010000
00010000 20000000 ... 00000000 00000000 }
);
IOFBDependentID = 4294968654;
IOFBDependentIndex = 1;
IOFBDetailedTimings = (
    {length = 160, bytes = 0x00300080 00000000

```

[illegible]

[illegible]

[illegible]

```

00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x4c300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x4d300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x4e300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x4f300080 00000000
00000000 00000000 ... 00000000 00000000 }
);
IOFBGammaCount = 1024;
IOFBGammaWidth = 10;
IOFBI2CInterfaceIDs =      (
    4294967296
);
IOFBI2CInterfaceInfo =      (
    {
        IOI2CInterfaceID = 0;
        IOI2CTransactionTypes = 19;
    }
);
IOFBIntegrated = 1;
IOFBNeedsRefresh = 1;
IOFBProbeOptions = 1025;
IOFBScalerInfo = {length = 48, bytes = 0x00000000
00000000 00000000 00000000 ... 00000000 00000000 };
IOFBTimingRange = {length = 312, bytes = 0x00000000
00000000 00000000 00000000 ... 00000000 00000000 };
IOFBTransform = 0;
IOFBUIScale = {length = 4, bytes = 0x01000000};
IOFBWaitCursorFrames = 29;
IOFBWaitCursorPeriod = 33333333;
IOFramebufferOpenGLIndex = 1;
IOGeneralInterest = "IOCommand is not serializable";
IOI2CTransactionTypes = 19;
IOPMStrictTreeOrder = 1;
IOPowerManagement =      {
    CapabilityFlags = 32768;
    ChildProxyPowerState = 2;
    ChildrenPowerState = 2;
    CurrentPowerState = 2;
    DriverPowerState = 1;
    MaxPowerState = 2;
};
"audio-codec-info" = {length = 4, bytes = 0x02010500};
"audio-selector" = {length = 4, bytes = 0x64704637};
"av-signal-type" = {length = 4, bytes = 0x10000000};
"connector-type" = {length = 4, bytes = 0x00040000};
"port-number" = 5;
"startup-timing" = {length = 168, bytes = 0x00000000

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```
00000080 00500080 00000000 ... 00000000 00000000 };
}; // IOFramebuffer properties
```

```
IOFBConfig/IOFBModes = [
    { DetailedTimingInformation = { V2 id:0x80003000
2560x1440@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (not scaled)
inset:0x0 flags(0°,) signal() levels:0714_0286 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) }; DisplayModeInformation = { 2560x1440@59.951Hz maxdepth:1
flags:Valid,Safe,Default,Television, imagesize:596x335mm }; ID =
0x80003000; },
    { DetailedTimingInformation = { V2 id:0x80003001
2560x1440@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (not scaled)
inset:0x0 flags(0°,) signal() levels:0714_0286 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2560x1440@59.951Hz maxdepth:1
flags:Valid,Safe,Default,Television, imagesize:596x335mm }; ID =
0x80003001; },
    { DetailedTimingInformation = { V2 id:0x80003002
1280x1024@75.025Hz 79.976kHz 135.000MHz (errMHz 0,0) h(16 144 248 +)
v(1 3 38 +) border(h0:0 v0:0) active:1280x1024 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) }; DisplayModeInformation = { 1280x1024@75.025Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
262:VESA_1280x1024_75hz; ID = 0x80003002; },
    { DetailedTimingInformation = { V2 id:0x80003003
1280x1024@75.025Hz 79.976kHz 135.000MHz (errMHz 0,0) h(16 144 248 +)
v(1 3 38 +) border(h0:0 v0:0) active:1280x1024 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1280x1024@75.025Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
262:VESA_1280x1024_75hz; ID = 0x80003003; },
    { DetailedTimingInformation = { V2 id:0x80003004
1024x768@75.029Hz 60.023kHz 78.750MHz (errMHz 0,0) h(16 96 176 +)
v(1 3 28 +) border(h0:0 v0:0) active:1024x768 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1024x768@75.029Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
204:VESA_1024x768_75hz; ID = 0x80003004; },
    { DetailedTimingInformation = { V2 id:0x80003005
```

```

1024x768@75.029Hz 60.023kHz 78.750MHz (errMHz 0,0) h(16 96 176 +)
v(1 3 28 +) border(h0:0 v0:0) active:1024x768 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1024x768@75.029Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 204:VESA_1024x768_75hz; ID =
0x80003005; },
    { DetailedTimingInformation = { V2 id:0x80003006
1024x768@70.069Hz 56.476kHz 75.000MHz (errMHz 0,0) h(24 136 144 -)
v(3 6 29 -) border(h0:0 v0:0) active:1024x768 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1024x768@70.069Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
200:VESA_1024x768_70hz; ID = 0x80003006; },
    { DetailedTimingInformation = { V2 id:0x80003007
1024x768@70.069Hz 56.476kHz 75.000MHz (errMHz 0,0) h(24 136 144 -)
v(3 6 29 -) border(h0:0 v0:0) active:1024x768 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1024x768@70.069Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 200:VESA_1024x768_70hz; ID =
0x80003007; },
    { DetailedTimingInformation = { V2 id:0x80003008
1024x768@60.004Hz 48.363kHz 65.000MHz (errMHz -0.13,0) h(24 136 160
-) v(3 6 29 -) border(h0:0 v0:0) active:1024x768 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) }; DisplayModeInformation = { 1024x768@60.004Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
190:VESA_1024x768_60hz; ID = 0x80003008; },
    { DetailedTimingInformation = { V2 id:0x80003009
1024x768@60.004Hz 48.363kHz 65.000MHz (errMHz -0.13,0) h(24 136 160
-) v(3 6 29 -) border(h0:0 v0:0) active:1024x768 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1024x768@60.004Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
190:VESA_1024x768_60hz; ID = 0x80003009; },
    { DetailedTimingInformation = { V2 id:0x8000300a
800x600@75.000Hz 46.875kHz 49.500MHz (errMHz 0,0) h(16 80 160 +) v(1
3 21 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };

```

```

DisplayModeInformation = { 800x600@75.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
186:VESA_800x600_75hz; ID = 0x8000300a; },
    { DetailedTimingInformation = { V2 id:0x8000300b
800x600@75.000Hz 46.875kHz 49.500MHz (errMHz 0,0) h(16 80 160 +) v(1
3 21 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 800x600@75.000Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 186:VESA_800x600_75hz; ID =
0x8000300b; },
    { DetailedTimingInformation = { V2 id:0x8000300c
800x600@72.188Hz 48.077kHz 50.000MHz (errMHz -0.13,0) h(56 120 64 +)
v(37 6 23 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 800x600@72.188Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
184:VESA_800x600_72hz; ID = 0x8000300c; },
    { DetailedTimingInformation = { V2 id:0x8000300d
800x600@72.188Hz 48.077kHz 50.000MHz (errMHz -0.13,0) h(56 120 64 +)
v(37 6 23 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 800x600@72.188Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 184:VESA_800x600_72hz; ID =
0x8000300d; },
    { DetailedTimingInformation = { V2 id:0x8000300e
800x600@60.317Hz 37.879kHz 40.000MHz (errMHz -0.07,0) h(40 128 88 +)
v(1 4 23 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 800x600@60.317Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
182:VESA_800x600_60hz; ID = 0x8000300e; },
    { DetailedTimingInformation = { V2 id:0x8000300f
800x600@60.317Hz 37.879kHz 40.000MHz (errMHz -0.07,0) h(40 128 88 +)
v(1 4 23 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 800x600@60.317Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 182:VESA_800x600_60hz; ID =
0x8000300f; },
    { DetailedTimingInformation = { V2 id:0x80003010
800x600@56.250Hz 35.156kHz 36.000MHz (errMHz 0,0) h(24 72 128 +) v(1

```

```

2 22 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 800x600@56.250Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
180:VESA_800x600_56hz; ID = 0x80003010; },
    { DetailedTimingInformation = { V2 id:0x80003011
800x600@56.250Hz 35.156kHz 36.000MHz (errMHz 0,0) h(24 72 128 +) v(1
2 22 +) border(h0:0 v0:0) active:800x600 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 800x600@56.250Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 180:VESA_800x600_56hz; ID =
0x80003011; },
    { DetailedTimingInformation = { V2 id:0x80003012
640x480@75.000Hz 37.500kHz 31.500MHz (errMHz 0,0) h(16 64 120 -) v(1
3 16 -) border(h0:0 v0:0) active:640x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 640x480@75.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
154:VESA_640x480_75hz; ID = 0x80003012; },
    { DetailedTimingInformation = { V2 id:0x80003013
640x480@75.000Hz 37.500kHz 31.500MHz (errMHz 0,0) h(16 64 120 -) v(1
3 16 -) border(h0:0 v0:0) active:640x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 640x480@75.000Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 154:VESA_640x480_75hz; ID =
0x80003013; },
    { DetailedTimingInformation = { V2 id:0x80003014
640x480@72.809Hz 37.861kHz 31.500MHz (errMHz 0,0) h(16 40 136 -) v(1
3 36 -) border(h0:0 v0:0) active:640x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 640x480@72.809Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
152:VESA_640x480_72hz; ID = 0x80003014; },
    { DetailedTimingInformation = { V2 id:0x80003015
640x480@72.809Hz 37.861kHz 31.500MHz (errMHz 0,0) h(16 40 136 -) v(1
3 36 -) border(h0:0 v0:0) active:640x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 640x480@72.809Hz maxdepth:1 flags:Valid,Safe,Television,

```

```

imagesize:0x0mm }; AppleTimingID = 152:VESA_640x480_72hz; ID =
0x80003015; },
    { DetailedTimingInformation = { V2 id:0x80003016
640x480@59.952Hz 31.475kHz 25.180MHz (errMHz -0.06,0) h(8 96 56 -)
v(2 2 41 -) border(h0:0 v0:0) active:640x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 640x480@59.952Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
150:VESA_640x480_60hz; ID = 0x80003016; },
    { DetailedTimingInformation = { V2 id:0x80003017
640x480@59.952Hz 31.475kHz 25.180MHz (errMHz -0.06,0) h(8 96 56 -)
v(2 2 41 -) border(h0:0 v0:0) active:640x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 640x480@59.952Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; AppleTimingID = 150:VESA_640x480_60hz; ID =
0x80003017; },
    { DetailedTimingInformation = { V2 id:0x80003018
1920x1080@60.000Hz 67.500kHz 159.840MHz (errMHz -0.09,0) h(32 144 272
-) v(3 3 39 -) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) }; DisplayModeInformation = { 1920x1080@60.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
510:Sony_1920x1080_60hz; ID = 0x80003018; },
    { DetailedTimingInformation = { V2 id:0x80003019
1920x1080@60.000Hz 67.500kHz 159.840MHz (errMHz -0.09,0) h(32 144 272
-) v(3 3 39 -) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1080@60.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
510:Sony_1920x1080_60hz; ID = 0x80003019; },
    { DetailedTimingInformation = { V2 id:0x8000301a
1280x1024@60.020Hz 63.981kHz 108.000MHz (errMHz 0,0) h(48 112 248 +)
v(1 3 38 +) border(h0:0 v0:0) active:1280x1024 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) }; DisplayModeInformation = { 1280x1024@60.020Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
260:VESA_1280x1024_60hz; ID = 0x8000301a; },
    { DetailedTimingInformation = { V2 id:0x8000301b
1280x1024@60.020Hz 63.981kHz 108.000MHz (errMHz 0,0) h(48 112 248 +)
v(1 3 38 +) border(h0:0 v0:0) active:1280x1024 (not scaled)

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inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1280x1024@60.020Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; AppleTimingID =
260:VESA_1280x1024_60hz; ID = 0x8000301b; },
    { DetailedTimingInformation = { V2 id:0x8000301c
720x480@59.940Hz 31.469kHz 27.000MHz (errMHz 0,0) h(16 62 60 -) v(9
6 30 -) border(h0:0 v0:0) active:720x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 720x480@59.940Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x8000301c; },
    { DetailedTimingInformation = { V2 id:0x8000301d
720x480@59.940Hz 31.469kHz 27.000MHz (errMHz 0,0) h(16 62 60 -) v(9
6 30 -) border(h0:0 v0:0) active:720x480 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 720x480@59.940Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; ID = 0x8000301d; },
    { DetailedTimingInformation = { V2 id:0x8000301e
720x576@50.000Hz 31.250kHz 27.000MHz (errMHz 0,0) h(12 64 68 -) v(5
5 39 -) border(h0:0 v0:0) active:720x576 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 720x576@50.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x8000301e; },
    { DetailedTimingInformation = { V2 id:0x8000301f
720x576@50.000Hz 31.250kHz 27.000MHz (errMHz 0,0) h(12 64 68 -) v(5
5 39 -) border(h0:0 v0:0) active:720x576 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 720x576@50.000Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; ID = 0x8000301f; },
    { DetailedTimingInformation = { V2 id:0x80003020
1280x720@60.000Hz 45.000kHz 74.250MHz (errMHz 0,0) h(110 40 220 +)
v(5 5 20 +) border(h0:0 v0:0) active:1280x720 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1280x720@60.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003020; },
    { DetailedTimingInformation = { V2 id:0x80003021
1280x720@60.000Hz 45.000kHz 74.250MHz (errMHz 0,0) h(110 40 220 +)
v(5 5 20 +) border(h0:0 v0:0) active:1280x720 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0

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vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1280x720@60.000Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; ID = 0x80003021; },
    { DetailedTimingInformation = { V2 id:0x80003022
1280x720@120.000Hz 90.000kHz 148.500MHz (errMHz 0,0) h(110 40 220 +)
v(5 5 20 +) border(h0:0 v0:0) active:1280x720 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1280x720@120.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003022; },
    { DetailedTimingInformation = { V2 id:0x80003023
1280x720@120.000Hz 90.000kHz 148.500MHz (errMHz 0,0) h(110 40 220 +)
v(5 5 20 +) border(h0:0 v0:0) active:1280x720 (not scaled) inset:0x0
flags(0°,) signal() levels:0700_0300 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1280x720@120.000Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:0x0mm }; ID = 0x80003023; },
    { DetailedTimingInformation = { V2 id:0x80003024
1920x1080@60.000Hz 67.500kHz 148.500MHz (errMHz 0,0) h(88 44 148 +)
v(4 5 36 +) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) }; DisplayModeInformation = { 1920x1080@60.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003024; },
    { DetailedTimingInformation = { V2 id:0x80003025
1920x1080@60.000Hz 67.500kHz 148.500MHz (errMHz 0,0) h(88 44 148 +)
v(4 5 36 +) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1080@60.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003025; },
    { DetailedTimingInformation = { V2 id:0x80003026
1920x1080@120.000Hz 135.000kHz 297.000MHz (errMHz 0,0) h(88 44 148 +)
v(4 5 36 +) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(8,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1080@120.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003026; },
    { DetailedTimingInformation = { V2 id:0x80003027
1920x1080@30.000Hz 33.750kHz 74.250MHz (errMHz 0,0) h(88 44 148 +)
v(4 10 31 +) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0

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0bpp) }; DisplayModeInformation = { 1920x1080@30.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003027; },
    { DetailedTimingInformation = { V2 id:0x80003028
1920x1080@30.000Hz 33.750kHz 74.250MHz (errMHz 0,0) h(88 44 148 +)
v(4 10 31 +) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0700_0300 links:1 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(HDR10,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1080@30.000Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:0x0mm }; ID = 0x80003028; },
    { DetailedTimingInformation = { V2 id:0x80003029
1920x1080@143.854Hz 166.439kHz 352.850MHz (errMHz 0,0) h(68 32 100 +)
v(63 8 6 +) border(h0:0 v0:0) active:1920x1080 (not scaled)
inset:0x0 flags(0°,) signal() levels:0714_0286 links:2 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(8,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1080@143.854Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x80003029; },
    { DetailedTimingInformation = { V2 id:0x8000302a
1280x720@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1280x720@59.951Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x8000302a; },
    { DetailedTimingInformation = { V2 id:0x8000302b
800x600@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +) v(3
5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 800x600@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television, imagesize:446x335mm }; ID =
0x8000302b; },
    { DetailedTimingInformation = { V2 id:0x8000302c
1024x768@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1024x768@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television, imagesize:446x335mm }; ID =
0x8000302c; },
    { DetailedTimingInformation = { V2 id:0x8000302d
1024x576@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0

```

```

vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1024x576@59.951Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x8000302d; },
    { DetailedTimingInformation = { V2 id:0x8000302e
1280x960@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1280x960@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television, imagesize:446x335mm }; ID =
0x8000302e; },
    { DetailedTimingInformation = { V2 id:0x8000302f
1344x1008@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1344x1008@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television, imagesize:446x335mm }; ID =
0x8000302f; },
    { DetailedTimingInformation = { V2 id:0x80003030
1344x756@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1344x756@59.951Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x80003030; },
    { DetailedTimingInformation = { V2 id:0x80003031
1440x900@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1440x900@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003031; },
    { DetailedTimingInformation = { V2 id:0x80003032
1680x1050@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1680x1050@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003032; },

```

```
        { DetailedTimingInformation = { V2 id:0x80003033
1600x1200@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1600x1200@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television, imagesize:446x335mm }; ID =
0x80003033; },
```

```
        { DetailedTimingInformation = { V2 id:0x80003034
1600x900@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1600x900@59.951Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x80003034; },
```

```
        { DetailedTimingInformation = { V2 id:0x80003035
1920x1080@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1080@59.951Hz maxdepth:1
flags:Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,
imagesize:596x335mm }; ID = 0x80003035; },
```

```
        { DetailedTimingInformation = { V2 id:0x80003036
1920x1200@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1920x1200@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003036; },
```

```
        { DetailedTimingInformation = { V2 id:0x80003037
2048x1152@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2048x1152@59.951Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x80003037; },
```

```
        { DetailedTimingInformation = { V2 id:0x80003038
2560x1600@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2560x1600@59.951Hz maxdepth:1
flags:Valid,Safe,Television, imagesize:596x335mm }; ID =
0x80003038; },
```

```

dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2560x1600@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003038; },
    { DetailedTimingInformation = { V2 id:0x80003039
3360x2100@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 3360x2100@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:536x335mm }; ID = 0x80003039; },
    { DetailedTimingInformation = { V2 id:0x8000303a
2880x1800@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2880x1800@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:536x335mm }; ID = 0x8000303a; },
    { DetailedTimingInformation = { V2 id:0x8000303b
2048x1280@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2048x1280@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:536x335mm }; ID = 0x8000303b; },
    { DetailedTimingInformation = { V2 id:0x8000303c
1650x1050@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(TraditionalGammaSDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 1650x1050@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:526x335mm }; ID = 0x8000303c; },
    { DetailedTimingInformation = { V2 id:0x8000303d
1280x720@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1280x720@59.951Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:596x335mm }; ID = 0x8000303d; },
    { DetailedTimingInformation = { V2 id:0x8000303e
800x600@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +) v(3

```

```

5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 800x600@59.951Hz maxdepth:1 flags:Valid,Safe,NotPreset,Television,
imagesize:446x335mm }; ID = 0x8000303e; },
    { DetailedTimingInformation = { V2 id:0x8000303f
1024x768@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1024x768@59.951Hz maxdepth:1 flags:Valid,Safe,NotPreset,Television,
imagesize:446x335mm }; ID = 0x8000303f; },
    { DetailedTimingInformation = { V2 id:0x80003040
1024x576@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1024x576@59.951Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:596x335mm }; ID = 0x80003040; },
    { DetailedTimingInformation = { V2 id:0x80003041
1280x960@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1280x960@59.951Hz maxdepth:1 flags:Valid,Safe,NotPreset,Television,
imagesize:446x335mm }; ID = 0x80003041; },
    { DetailedTimingInformation = { V2 id:0x80003042
1344x1008@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1344x1008@59.951Hz maxdepth:1 flags:Valid,Safe,NotPreset,Television,
imagesize:446x335mm }; ID = 0x80003042; },
    { DetailedTimingInformation = { V2 id:0x80003043
1344x756@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1344x756@59.951Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:596x335mm }; ID = 0x80003043; },
    { DetailedTimingInformation = { V2 id:0x80003044
1440x900@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0

```

```

vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1440x900@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003044; },
    { DetailedTimingInformation = { V2 id:0x80003045
1680x1050@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1680x1050@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003045; },
    { DetailedTimingInformation = { V2 id:0x80003046
1600x1200@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1600x1200@59.951Hz maxdepth:1 flags:Valid,Safe,NotPreset,Television,
imagesize:446x335mm }; ID = 0x80003046; },
    { DetailedTimingInformation = { V2 id:0x80003047
1600x900@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1600x900@59.951Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:596x335mm }; ID = 0x80003047; },
    { DetailedTimingInformation = { V2 id:0x80003048
1920x1080@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1920x1080@59.951Hz maxdepth:1
flags:Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,
imagesize:596x335mm }; ID = 0x80003048; },
    { DetailedTimingInformation = { V2 id:0x80003049
1920x1200@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1920x1200@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x80003049; },
    { DetailedTimingInformation = { V2 id:0x8000304a
2048x1152@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)

```

```

v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2048x1152@59.951Hz maxdepth:1 flags:Valid,Safe,Television,
imagesize:596x335mm }; ID = 0x8000304a; },
    { DetailedTimingInformation = { V2 id:0x8000304b
2560x1600@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2560x1600@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,
imagesize:536x335mm }; ID = 0x8000304b; },
    { DetailedTimingInformation = { V2 id:0x8000304c
3360x2100@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 3360x2100@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:536x335mm }; ID = 0x8000304c; },
    { DetailedTimingInformation = { V2 id:0x8000304d
2880x1800@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2880x1800@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:536x335mm }; ID = 0x8000304d; },
    { DetailedTimingInformation = { V2 id:0x8000304e
2048x1280@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2048x1280@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,
imagesize:536x335mm }; ID = 0x8000304e; },
    { DetailedTimingInformation = { V2 id:0x8000304f
1650x1050@59.951Hz 88.787kHz 241.500MHz (errMHz 0,0) h(48 32 80 +)
v(3 5 33 +) border(h0:0 v0:0) active:2560x1440 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:1 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(HDR10,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1650x1050@59.951Hz maxdepth:1
flags:Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,

```

```

imagesize:526x335mm }; ID = 0x8000304f; },
    ]; // IOFBConfig/IOFBModes

    IOFBConfig/IOFBDetailedTimings = [
        80 duplicates
    ]; // IOFBConfig/IOFBDetailedTimings

    IOFBConfig/IOFBmHz (detailedRefresh) = true;
    IOFBConfig/dims (IOFB0vrDimensions) = 2560x1440
setFlags:NotPreset, clearFlags:Valid,Safe,Default;;

    IOFBCursorInfo = [
        { version:1.0 size:256x256 depth:32ARGB maskBitDepth:0
colors:0 colorEncodings:0 flags:0 supportedSpecialEncodings:
(inverting,?) specialEncodings:(0ffffff,0,000000000000) },
    ]; // IOFBCursorInfo

    IOFBDetailedTimings = [
        80 duplicates
    ]; // IOFBDetailedTimings

    IOFBTimingRange = { V2 version:0 0...-1Hz 0.000...
4294967.295kHz 20.000...940.000±0.000MHz
sync(seperate,green,composite,serration,)
levels(0700_0300,0714_0286,1000_0400,0700_0000,) signal(interlaced CEA
w/ confirm,) (total,active,blank,frontp,syncw,border1,border2)
(charsize(h(1,1,1,1,1,1,1) v(1,1,1,1,1,1,1)) pixels(h(8191,0...8192,0...
8191,0...8191,0...8191,0...0,0...0) v(8191,0...3072,0...8191,0...8191,0...8191,0...0,0...
0))) links(#:0 0:0.000...0.000 1:0.000...0.000 MHz)
encodings(RGB,444,422,420,) bpc(8,10,)
colorimetry(NativeRGB,sRGB,DCIP3,BT709,BT2020,)
dynamicrange(SDR,HDR10,DolbyTunnelMode,TraditionalGammaHDR,Traditional
GammaSDR,) 0.0.0.0.0.0.0.0.0.0 dsc(0.000Gbps 0x0...0x0 spl:0...0 0...0bpc
0...0bpp VBR:disabled BP:unused) };

    startup-timing = { appleTimingID = Invalid (not a standard
timing); flags = DetailedTimingValid;; DetailedTimingInformation =
{ V2 id:0x80005000 2560x1440@59.951Hz 88.787kHz 241.500MHz (errMHz
0,0) h(48 32 80 +) v(3 5 33 +) border(h0:0 v0:0) active:2560x1440
(not scaled) inset:0x0 flags(0°,) signal() levels:0714_0286 links:1
vbext:0 vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(TraditionalGammaSDR,) dsc(0x0
0bpp) } };
    ]; // IOFramebuffer 0x2813

    IODisplay 0x523b = {
        IODisplay properties = {
            CFBundleIdentifier =
"com.apple.iokit.IOGraphicsFamily";
            CFBundleIdentifierKernel =

```

```

"com.apple.iokit.IOGraphicsFamily";
    DisplayProductID = 9997;
    DisplaySerialNumber = 0;
    DisplayVendorID = 7252;
    IOClass = AppleDisplay;
    IODisplayAttributes = {
        IODisplayAttributes = {length = 40, bytes =
0x67617476 00000000 73676c66 00000000 ... 676c6664 01000000 };
        IODisplayVSDB030C00 = {length = 4, bytes =
0x1000383c};
        IODisplayVSDB1A0000 = {length = 10, bytes =
0x020130aa00000000000000};
        IODisplayVSDBD85DC4 = {length = 4, bytes =
0x01788003};
    };
    IODisplayConnectFlags = {length = 4, bytes =
0x00000000};
    IODisplayEDID = {length = 384, bytes = 0x00ffffff
ffffff00 1c540d27 01010101 ... 00000000 0000fd93 };
    IODisplayParameters = {
        bgsc = {
            max = 65536;
            min = 0;
            value = 65536;
        };
        cmod = {
            max = 4096;
            min = 0;
            value = 1;
        };
        colr = {
            max = "-1";
            min = 0;
            value = 257;
        };
        cyuv = {
            max = 268435456;
            min = 0;
            value = 268435456;
        };
        ggsc = {
            max = 65536;
            min = 0;
            value = 65536;
        };
        ownr = 4294968666;
        pscn = {
            max = 10000;
            min = 8800;
            value = 9484;
        };
    };

```

```
;
    rgsc = {
        max = 65536;
        min = 0;
        value = 65536;
    };
    vblm = {
        max = 196608;
        min = 0;
        value = 65536;
    };
};
IODisplayPrefsKey = "IOService:/AppleACPIPlatformExpert/PCI@0/AppleACPIPCI/IGPU@2-1c54-270d-1e1e4a22636036ea";
IOPowerManagement.IODisplayPrefsKeyOld = "IOService:/AppleACPIPlatformExpert/PCI@0/AppleACPIPCI/IGPU@2/ApplesIntelFramebuffer@1/display0/AppleDisplay-1c54-270d";
IOMatchCategory = IODefaultMatchCategory;
IOPersonalityPublisher = "com.apple.iokit.IOGraphicsFamily";
IOPowerManagement = {
    CapabilityFlags = 49152;
    CurrentPowerState = 3;
    MaxPowerState = 3;
};
IOProbeScore = 2000;
IOProviderClass = IODisplayConnect;
}; // IODisplay properties
}; // IODisplay 0x523b

IOFramebufferOpen = {
    kIOFBCursorPositionMemory = { size:8126704 version:3 location:983x180 };
    kIOFBBVRAMMemory = { size:256MB };
}; // IOFramebufferOpen

I2C Interfaces = {
    [0] = {
        I2C Interface properties = {
            IOI2CBusType = 1;
            IOI2CInterfaceID = 4294967296;
            IOI2CSupportedCommFlags = 2;
            IOI2CTransactionTypes = 19;
        }; // I2C Interface properties
        { id:0x100000000 busType:I2C transactionTypes:(No,Simple,DisplayPort,) commFlags:(UseSubAddress,) };
        EDID from E-DDC (old method) =
00fffffffffffff001c540d2701010101081f0104b5462778fbcb85a75335b6250d5054
2fcf00d1c00101010101010181809500b3000101565e00a0a0a0295030203500544f2100
```

001e000000fd0030a5f3f33c010a202020202020000000fc004d3237510a2020202020
202020000000ff003231303830423030303339390a02f502033f714902031112042f90
3f05230917078301000067030c001000383c67d85dc4017880036d1a0000020130aa00
0000000000e305e301e606050164641e00fa0050a0a01f500a3c3500544f2100001ef5
bd0064a0a055501220f80c544f2100001ed58980c870384d404420f80c544f2100001e
0000000000000000000019(cannot read more)

EDID from E-DDC =

00fffffffffffff001c540d2701010101081f0104b5462778fbc85a75335b6250d5054
2fcf00d1c001010101010181809500b3000101565e00a0a0a0295030203500544f2100
001e000000fd0030a5f3f33c010a202020202020000000fc004d3237510a2020202020
202020000000ff003231303830423030303339390a02f502033f714902031112042f90
3f05230917078301000067030c001000383c67d85dc4017880036d1a0000020130aa00
0000000000e305e301e606050164641e00fa0050a0a01f500a3c3500544f2100001ef5
bd0064a0a055501220f80c544f2100001ed58980c870384d404420f80c544f2100001e
000000000000000000000019122e00000301140e0b0100ff099f002f801f009f05270019
0007000301145fe80000ff0977001b001f009f05660008000700fd0000000000000000
00
00fd9300

Timing Report = { (unexpected data:

510000000000000000) };

VCP Capabilities = {

(unexpected data at offset 0:

510000000000000000000000000000000051000000000000000000000000000000510000
000000),

}; // VCP Capabilities

DisplayPort = {

00000h: 12 14 c4 00 01 00 01 00 02 00 06 00 00 00
84 00
00020h: 00 00 00 11 01 00 01 00 00 00 00 00 00 00
00 00
00050h: 00 00 00 00 ab 01 2b 00 00 00 00 00 00 00
00 00+.....
00100h: 14 82 00 06 06 06 06 00 00 00 00 00 00 00
00 00
00200h: 41 00 77 00 01 03 22 22 00 00 00 00 00 00
00 00 A.w..."".....
00210h: 00 80 00 80 00 00 27 c0 00 0a 00 00 00 00
00 00'
00220h: 01 00 02 a8 01 f4 00 00 00 00 00 00 00 00
02 80
00230h: 01 e0 20 00 00 00 00 00 00 00 00 00 00 00
00 00
00240h: 00 00 00 00 00 00 20 00 00 00 00 00 00 00
00 00
002c0h: 02 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00
00600h: 01 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00
02000h: 00 00 41 00 00 00 00 00 00 00 00 00 77 00
01 00 ..A.....w...

```

                                02200h: 14 14 c4 00 01 00 01 00 02 00 06 00 00 00
84 00 .....
                                02210h: 08 05 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
                                68000h: ed 30 72 a2 5b 00 00 00 00 00 00 00 00 00
00 00 .0r.[.....
                                68020h: 00 00 00 00 00 00 00 00 01 00 00 00 00 00
00 00 .....
                                69000h: 90 ee 29 bc 45 d9 5c 6c 02 00 00 c8 f0 48
7d 6e ..).E.\l.....H}n
                                69010h: ef 69 c7 a7 80 00 8f d4 40 73 10 cf 93 f8
25 46 .i.....@s....%F
                                69020h: e7 7c 25 c4 0e 9a bc 38 98 0b e1 87 8f 8c
a3 9a .|%. ....8.....
                                692c0h: 6b 1e d5 31 c8 1a 6f af 0a 9c d8 d1 34 a1
26 5a k..1..o.....4.&Z
                                692e0h: 3a c2 c4 11 41 37 0a e5 9e c6 f0 2e f9 3b
7d 14 :...A7.....;}.
                                f0000h: 14 1e 80 55 04 00 00 00 00 00 00 00 00 00
00 00 ...U.....

```

Receiver Capability

```

                                00000h DPCD_REV: 1.2
                                00001h MAX_LINK_RATE: HBR2
                                00002h MAX_LANE_COUNT: 4, ENHANCED_FRAME_CAP,
TPS3_SUPPORTED
                                00004h NORP: 2
                                00006h MAIN_LINK_CHANNEL_CODING:
CAP_ANSI_8B10B
                                00008h RECEIVE_PORT_0_CAP_0:
LOCAL_EDID_PRESENT
                                0000ah RECEIVE_PORT_1_CAP_0:
LOCAL_EDID_PRESENT, ASSOCIATED_TO_PRECEDING_PORT
                                0000eh TRAINING_AUX_RD_INTERVAL: 16ms all,
EXTENDED_RECEIVER_CAP_FIELD_PRESENT
                                00023h AV_SYNC_DATA_BLOCK:
                                00023h AV_GRANULARITY: AG_FACTOR = 2ms,
VG_FACTOR = 2ms
                                00024h AUD_DEC_LAT: 1 * AG_FACTOR
                                00026h AUD_PP_LAT: 1 * AG_FACTOR

```

```

                                00054h RX_GTC_VALUE: 2818475

```

Link Configuration

```

                                00100h LINK_BW_SET: HBR2
                                00101h LANE_COUNT_SET: 2, ENHANCED_FRAME_EN
                                00103h TRAINING_LANE0_SET:
TRAIN_VOLTAGE_SWING_LEVEL_2, TRAIN_MAX_SWING_REACHED,
TRAIN_PRE_EMPH_LEVEL_0
                                00104h TRAINING_LANE1_SET:
TRAIN_VOLTAGE_SWING_LEVEL_2, TRAIN_MAX_SWING_REACHED,

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TRAIN_PRE_EMPH_LEVEL_0
    00105h TRAINING_LANE2_SET:
TRAIN_VOLTAGE_SWING_LEVEL_2, TRAIN_MAX_SWING_REACHED,
TRAIN_PRE_EMPH_LEVEL_0
    00106h TRAINING_LANE3_SET:
TRAIN_VOLTAGE_SWING_LEVEL_2, TRAIN_MAX_SWING_REACHED,
TRAIN_PRE_EMPH_LEVEL_0
    Link/Sink Device Status
    00200h SINK_COUNT: 1, SINK_CP_READY
    00202h LANE0_1_STATUS: LANE0 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
    00202h LANE0_1_STATUS: LANE1 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
    00203h LANE2_3_STATUS: LANE2 =
    00203h LANE2_3_STATUS: LANE3 =
    00204h LANE_ALIGN_STATUS_UPDATED:
INTERLANE_ALIGN_DONE
    00205h SINK_STATUS: RECEIVE_PORT_0_STATUS,
RECEIVE_PORT_1_STATUS
    00206h ADJUST_REQUEST_LANE0_1: LANE0 =
ADJUST_VOLTAGE_SWING_LEVEL_2, ADJUST_PRE_EMPHASIS_LEVEL_0
    00206h ADJUST_REQUEST_LANE0_1: LANE1 =
ADJUST_VOLTAGE_SWING_LEVEL_2, ADJUST_PRE_EMPHASIS_LEVEL_0
    00207h ADJUST_REQUEST_LANE2_3: LANE2 =
ADJUST_VOLTAGE_SWING_LEVEL_2, ADJUST_PRE_EMPHASIS_LEVEL_0
    00207h ADJUST_REQUEST_LANE2_3: LANE3 =
ADJUST_VOLTAGE_SWING_LEVEL_2, ADJUST_PRE_EMPHASIS_LEVEL_0
    00210h SYMBOL_ERROR_COUNT_LANE0: 0, valid
    00212h SYMBOL_ERROR_COUNT_LANE1: 0, valid
    00214h SYMBOL_ERROR_COUNT_LANE2: 0
    00216h SYMBOL_ERROR_COUNT_LANE3: 16423, valid
    00219h TEST_LINK_RATE: HBR
    00220h TEST_LANE_COUNT: 1
    00222h TEST_H_TOTAL: 680
    00224h TEST_V_TOTAL: 500
    0022eh TEST_H_WIDTH: 640
    00230h TEST_V_HEIGHT: 480
    00232h TEST_MISC0: Link clock and stream clock
asynchronous, COLOR_FORMAT_RGB, TEST_DYNAMIC_RANGE_VESA,
YCBCR_COEFFICIENTS_ITU601, TEST_BIT_DEPTH_8
    00246h TEST_SINK_MISC: TST_CRC_COUNT = 0,
TEST_CRC_SUPPORTED
    002c0h PAYLOAD_TABLE_UPDATE_STATUS:
PAYLOAD_ACT_HANDLED
    Sink Control
    00600h SET_POWER: SET_POWER_D0
    DPRX ESI (Event Status Indicator)
    02002h SINK_COUNT_ESI: 1, SINK_COUNT_CP_READY
    0200ch LANE0_1_STATUS_ESI: LANE0 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED

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                                0200ch LANE0_1_STATUS_ESI: LANE1 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
                                0200dh LANE2_3_STATUS_ESI: LANE2 =
                                0200dh LANE2_3_STATUS_ESI: LANE3 =
                                0200eh LANE_ALIGN_STATUS_UPDATED_ESI:
INTERLANE_ALIGN_DONE
                                Extended Receiver Capability
                                02200h DP13_DPCD_REV: 1.4
                                02201h MAX_LINK_RATE: HBR2
                                02202h MAX_LANE_COUNT: 4, ENHANCED_FRAME_CAP,
TPS3_SUPPORTED
                                02204h NORP: 2
                                02206h MAIN_LINK_CHANNEL_CODING:
CAP_ANSI_8B10B
                                02208h RECEIVE_PORT_0_CAP_0:
LOCAL_EDID_PRESENT
                                0220ah RECEIVE_PORT_1_CAP_0:
LOCAL_EDID_PRESENT, ASSOCIATED_TO_PRECEDING_PORT
                                0220eh TRAINING_AUX_RD_INTERVAL: 16ms all,
EXTENDED_RECEIVER_CAP_FIELD_PRESENT
                                02210h DPRX_FEATURE_ENUMERATION_LIST:
VSC_SDP_EXT_FOR_COLORIMETRY_SUPPORTED
                                02211h : 05 00 00 00 ....
                                HDCP 1.3 and HDCP 2.2
                                68000h AUX_HDCP_BKSV: ed 30 72 a2 5b .0r.[
                                68028h AUX_HDCP_BCAPS: BCAPS_HDCP_CAPABLE
                                DP HDCP 2.2 Parameters
                                69000h HDCP_2_2_REG_RTX: 90 ee 29 bc 45 d9 5c
6c ..).E.\l
                                69008h HDCP_2_2_REG_TXCAPS: VERSION = 2,
TRANSMITTER_CAPABILITY_MASK = 0
                                6900bh HDCP_2_2_REG_CERT_RX: c8 f0 48 7d
6e ..H}n
                                69010h : ef 69 c7 a7 80 00 8f d4 40 73 10 cf
93 f8 25 46 .i.....@s....%F
                                69020h : e7 7c 25 c4 0e 9a bc 38 98 0b e1 87
8f 8c a3 9a .|%....8.....
                                692c0h HDCP_2_2_REG_HPRIME: 6b 1e d5 31 c8 1a
6f af 0a 9c d8 d1 34 a1 26 5a k..1..0.....4.&Z
                                692e0h HDCP_2_2_REG_EKH_KM_RD: 3a c2 c4 11 41
37 0a e5 9e c6 f0 2e f9 3b 7d 14 :...A7.....;}.
                                Link Training (LT)-tunable PHY Repeaters (LTTTPR)
                                f0000h
LT_TUNABLE_PHY_REPEATER_FIELD_DATA_STRUCTURE_REV: 1.4
                                f0001h MAX_LINK_RATE_PHY_REPEATER: HBR3
                                f0002h PHY_REPEATER_CNT: 128
                                f0003h PHY_REPEATER_MODE: TRANSPARENT
                                f0004h MAX_LANE_COUNT_PHY_REPEATER: 4
                                }; // DisplayPort
},

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}; // I2C Interfaces

}, // Monitor[0]: /AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/
IGPU@2/AppleIntelFramebuffer@1

Monitor[1]: /AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2/
AppleIntelFramebuffer@0 = {
    DisplayInfo = {
        DisplayInfo properties = {
            DisplayBacklight = 500;
            DisplayBluePointX = "0.1503906";
            DisplayBluePointY = "0.05273438";
            DisplayBrightReflection = 505;
            DisplayBundle = "CFBundle 0x7f7ad2c04a30 </System/
Library/Displays> (not loaded)";
            DisplayDarkReflection = "1.1";
            DisplayFixedPixelFormat = 1;
            DisplayGreenPointX = "0.2646484";
            DisplayGreenPointY = "0.6904297";
            DisplayHorizontalImageSize = 290;
            DisplayLeakage = "0.333";
            DisplayLowestLevel = 1;
            DisplayLowestMeasured = "0.4323";
            DisplayProductID = 41022;
            DisplayProductName = {
                ar = "\U200fLCD \U0645\U0644\U0648\U0646\U0629";
                "ca_ES" = "LCD en color";
                "cs_CZ" = "Barevn\U00fd LCD";
                "da_DK" = "LCD-farvesk\U00e6rm";
                "de_DE" = "Farb-LCD";
                "el_GR" =
"\U0388\U03b3\U03c7\U03c1\U03c9\U03bc\U03b7
\U03bf\U03b8\U03cc\U03bd\U03b7 LCD";
                "en_AU" = "Colour LCD";
                "en_GB" = "Colour LCD";
                "en_US" = "Color LCD";
                "es_ES" = "LCD a color";
                "es_XL" = "LCD color";
                "fi_FI" = "V\U00e4ri-LCD";
                "fr_CA" = "ACL couleur";
                "fr_FR" = "LCD couleur";
                "he_IL" = "\U200fLCD
\U05e6\U05d1\U05e2\U05d5\U05e0\U05d9";
                "hi_IN" = "\U0930\U0902\U0917\U0940\U0928 LCD";
                "hr_HR" = "LCD u boji";
                "hu_HU" = "Sz\U00ednes LCD";
                id = "LCD Warna";
                "it_IT" = "LCD a colori";
                "ja_JP" = "\U30ab\U30e9\U30fcLCD";
                "ko_KR" = "\Uceec\Ub7ec LCD";
            }
        }
    }
}

```

```

        ms = "Warna LCD";
        "nb_NO" = "Farge-LCD";
        "nl_NL" = "Kleuren-LCD";
        "pl_PL" = "Kolor LCD";
        "pt_BR" = "LCD Colorido";
        "pt_PT" = "LCD a Cores";
        "ro_RO" = "LCD color";
        "ru_RU" =
"\U00426\U00432\U00435\U00442\U0043d\U0043e\U00439 \U00416\U0041a-
\U00434\U00438\U00441\U0043f\U0043b\U00435\U00439";
        "sk_SK" = "Farebn\U00fd LCD";
        "sv_SE" = "F\U00e4rg-LCD";
        "th_TH" = "LCD \U00e2a\U00e35";
        "tr_TR" = "Renkli LCD";
        "uk_UA" =
"\U0041a\U0043e\U0043b\U0044c\U0043e\U00440\U0043e\U00432\U00438\U00439 LCD";
        "vi_VN" = "LCD M\U00e0u";
        "zh_CN" = "\U5f69\U8272LCD";
        "zh_TW" = "\U5f69\U8272LCD";
};
DisplayRedPointX = "0.6796875";
DisplayRedPointY = "0.3203125";
DisplaySubPixelLayout = 1;
DisplayVendorID = 1552;
DisplayVerticalImageSize = 180;
DisplayViewAngleAffectsGamma = 1;
DisplayWeekManufacture = 16;
DisplayWhiteGamma = "2.2";
DisplayWhitePointX = "0.3125";
DisplayWhitePointY = "0.3291016";
DisplayYearManufacture = 2017;
IODisplayAttributes = {length = 40, bytes = 0x67617476
00000000 73676c66 04000000 ... 676c6664 00000000 };
IODisplayConnectFlags = {length = 4, bytes =
0x00080000};
IODisplayEDID = {length = 256, bytes = 0x00ffffff
ffffff00 06103ea0 00000000 ... 00000000 00006290 };
IODisplayEDIDOriginal = {length = 256, bytes =
0x00ffffff fffffff0 06103ea0 00000000 ... 00000000 00006290 };
IODisplayHasBacklight = 1;
IODisplayIsDigital = 1;
IODisplayIsHDMISink = 0;
IODisplayLocation = "IOService:/
AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2/
AppleIntelFramebuffer@0/display0/AppleBacklightDisplay";
IODisplayPrefsKey = "IOService:/
AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2-610-
a03e-7530a4a7b3c4372a";
IOFBTransform = 0;
IOGFlags = 4;

```

```

        "display-resolution-preview-icon" = "/System/Library/
Displays/Contents/Resources/Overrides/DisplayVendorID-610/
DisplayProductID-a033-9d9da0.tiff";
        "resolution-preview-height" = 83;
        "resolution-preview-width" = 131;
        "resolution-preview-x" = 48;
        "resolution-preview-y" = 62;
        "scale-resolutions" = (
            {length = 9, bytes = 0x00000d200000083400},
            {length = 9, bytes = 0x00000b400000070800},
            {length = 9, bytes = 0x00000a000000064000},
            {length = 9, bytes = 0x000008000000050000},
            {length = 16, bytes =
0x00000a00000006400000000100200000},
            {length = 16, bytes =
0x00000a00000005a00000000100200000},
            {length = 16, bytes =
0x00000780000004b00000000100200000},
            {length = 16, bytes =
0x00000780000004380000000100200000},
            {length = 16, bytes =
0x00000500000002d00000000100200000},
            {length = 12, bytes = 0x000006720000041a00000001},
            {length = 12, bytes = 0x000005a00000038400000001},
            {length = 12, bytes = 0x000005000000032000000001},
            {length = 12, bytes = 0x00000480000002d000000001},
            {length = 12, bytes = 0x000004000000030000000001},
            {length = 12, bytes = 0x000003480000020d00000001},
            {length = 12, bytes = 0x000003200000025800000001},
            {length = 12, bytes = 0x00000280000001e000000001},
            {length = 16, bytes =
0x00000d2000000834000000900a0000},
            {length = 16, bytes =
0x00000b4000000708000000900a0000},
            {length = 16, bytes =
0x00000a0000000640000000900a0000},
            {length = 16, bytes =
0x0000080000000500000000900a0000},
            {length = 16, bytes =
0x00000a00000005a0000000900a0000},
            {length = 16, bytes =
0x000006720000041a000000900a0000},
            {length = 16, bytes =
0x00000780000004b0000000900a0000},
            {length = 16, bytes =
0x000007800000043800000090020000},
            {length = 16, bytes =
0x00000500000002d000000090020000}
        );
        "target-default-ppmm" = "10.0699301";

```

[illegible]

```

bklt =      {
    max = 65535;
    min = 0;
    value = 655;
};
brightness =      {
    max = 1024;
    min = 0;
    value = 64;
};
"brightness-fade" =      {
    max = 1023;
    min = 0;
    value = 0;
};
"brightness-probe" =      {
    max = 1024;
    min = 0;
    value = 64;
};
commit =      {
    reg = 0;
};
dsyp =      {
    max = 2;
    min = 0;
    value = 2;
};
"fade-style" =      {
    max = 10;
    min = 0;
    value = 0;
};
"fade-time1" =      {
    max = 10000;
    min = 0;
    value = 500;
};
"fade-time2" =      {
    max = 10000;
    min = 0;
    value = 4000;
};
"fade-time3" =      {
    max = 10000;
    min = 0;
    value = 500;
};
ggsc =      {
    max = 65536;

```

```

        min = 0;
        value = 65536;
    };
    "linear-brightness" = {
        max = 65403;
        min = 0;
        value = 655;
    };
    "linear-brightness-probe" = {
        max = 65403;
        min = 0;
        value = 655;
    };
    ownr = 4294968662;
    rgsc = {
        max = 65536;
        min = 0;
        value = 65536;
    };
    "usable-linear-brightness" = {
        max = 65403;
        min = 655;
        value = 655;
    };
    vblm = {
        max = 196608;
        min = 0;
        value = 65536;
    };
}; // IODisplayParameters

IOFramebuffer 0x1f03 = {
    IOFramebuffer properties = {
        "AAPL,DisplayPipe" = {length = 4, bytes = 0x00000000};
        "AAPL,boot-display" = 1;
        IOAccelIndex = 0;
        IOAccelRevision = 2;
        IOAccelTypes = "IOService:/AppleACPIPlatformExpert/
PCI0@0/AppleACPIPCI/IGPU@2/IntelAccelerator";
        IOBacklightHandlerID = 4294968696;
        IOCFPlugInTypes = {
            "ACCF0000-0000-0000-0000-000a2789904e" =
"IOAccelerator2D.plugin";
        };
        IODisplayParameters = "IOFramebufferParameterHandler
is not serializable";
        IOFBCLUTDefer = 1;
        IOFBConfig = {
            IOFB0Hz = 1;
            IOFBDetailedTimings = (

```

```

        {length = 160, bytes = 0x00300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x01300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x02300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x03300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x04300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x05300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x06300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x07300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x08300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x09300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x0a300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x0b300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x0c300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x0d300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x0e300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x0f300080 00000000
00000000 00000000 ... 00000000 00000000 },
        {length = 160, bytes = 0x10300080 00000000
00000000 00000000 ... 00000000 00000000 }
    );
    IOFBModes = (
        {
            DM = {length = 36, bytes = 0x000a0000
40060000 36003c00 01000000 ... 00000000 00000000 };
            ID = "-2147471360";
            TM = {length = 160, bytes = 0x00300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },
        {
            DM = {length = 36, bytes = 0x00050000
20030000 36003c00 01000000 ... 00000000 00000000 };
            ID = "-2147471359";
            TM = {length = 160, bytes = 0x01300080
00000000 00000000 00000000 ... 00000000 00000000 };
        },

```

```

{
    DM = {length = 36, bytes = 0x200d0000
34080000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471358";
    TM = {length = 160, bytes = 0x02300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{
    DM = {length = 36, bytes = 0x400b0000
08070000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471357";
    TM = {length = 160, bytes = 0x03300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{
    DM = {length = 36, bytes = 0x00080000
00050000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471356";
    TM = {length = 160, bytes = 0x04300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{
    DM = {length = 36, bytes = 0x000a0000
a0050000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471355";
    TM = {length = 160, bytes = 0x05300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{
    DM = {length = 36, bytes = 0x80070000
b0040000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471354";
    TM = {length = 160, bytes = 0x06300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{
    DM = {length = 36, bytes = 0x80070000
38040000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471353";
    TM = {length = 160, bytes = 0x07300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{
    DM = {length = 36, bytes = 0x00050000
d0020000 36003c00 01000000 ... 00000000 00000000 };
    ID = "-2147471352";
    TM = {length = 160, bytes = 0x08300080
00000000 00000000 00000000 ... 00000000 00000000 };
},

{

```

```

DM = {length = 36, bytes = 0x72060000
1a040000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471351";
TM = {length = 160, bytes = 0x09300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0xa0050000
84030000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471350";
TM = {length = 160, bytes = 0x0a300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x80040000
d0020000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471349";
TM = {length = 160, bytes = 0x0b300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x00040000
00030000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471348";
TM = {length = 160, bytes = 0x0c300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x48030000
0c020000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471347";
TM = {length = 160, bytes = 0x0d300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x20030000
58020000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471346";
TM = {length = 160, bytes = 0x0e300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x80020000
e0010000 36003c00 01000000 ... 00000000 00000000 };
ID = "-2147471345";
TM = {length = 160, bytes = 0x0f300080
00000000 00000000 00000000 ... 00000000 00000000 };
},
{
DM = {length = 36, bytes = 0x90060000

```

```

1a040000 36003c00 01000000 ... 00000000 00000000 };
                                ID = "-2147471344";
                                TM = {length = 160, bytes = 0x10300080
00000000 00000000 00000000 ... 00000000 00000000 };
                                }
                                );
                                dims = {length = 16, bytes =
0x000a00004006000000002000007000000};
                                };
                                IOFBCurrentPixelClock = 260730000;
                                IOFBCurrentPixelCount = 4345440;
                                IOFBCurrentPixelCountReal = 4345440;
                                IOFBCursorInfo = (
                                {length = 104, bytes = 0x01000000 00010000
00010000 20000000 ... 00000000 00000000 }
                                );
                                IOFBDependentID = 4294968654;
                                IOFBDependentIndex = 0;
                                IOFBDetailedTimings = (
                                {length = 160, bytes = 0x00300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x01300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x02300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x03300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x04300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x05300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x06300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x07300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x08300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x09300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x0a300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x0b300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x0c300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x0d300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x0e300080 00000000
00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x0f300080 00000000

```

```

00000000 00000000 ... 00000000 00000000 },
                                {length = 160, bytes = 0x10300080 00000000
00000000 00000000 ... 00000000 00000000 }
    );
    IOFBGammaCount = 1024;
    IOFBGammaWidth = 10;
    IOFBI2CInterfaceIDs =      (
        0
    );
    IOFBI2CInterfaceInfo =      (
        {
            IOI2CInterfaceID = 0;
            IOI2CTransactionTypes = 19;
        }
    );
    IOFBIntegrated = 1;
    IOFBMemorySize = 268435456;
    IOFBNeedsRefresh = 0;
    IOFBProbeOptions = 1025;
    IOFBScalerInfo = {length = 48, bytes = 0x00000000
00000000 00000000 00000000 ... 00000000 00000000 };
    IOFBTimingRange = {length = 312, bytes = 0x00000000
00000000 00000000 00000000 ... 00000000 00000000 };
    IOFBTransform = 0;
    IOFBUIScale = {length = 4, bytes = 0x02000000};
    IOFBWaitCursorFrames = 29;
    IOFBWaitCursorPeriod = 33333333;
    IOFramebufferOpenGLIndex = 0;
    IOGeneralInterest = "IOCommand is not serializable";
    IOI2CTransactionTypes = 19;
    IOPMStrictTreeOrder = 1;
    IOPowerManagement =      {
        CapabilityFlags = 32768;
        ChildProxyPowerState = 2;
        ChildrenPowerState = 2;
        CurrentPowerState = 2;
        DriverPowerState = 1;
        MaxPowerState = 2;
    };
    "audio-codec-info" = {length = 4, bytes = 0x00000000};
    "av-signal-type" = {length = 4, bytes = 0x00000000};
    "boot-gamma-restored" = {length = 4, bytes =
0x00000000};
    "built-in" = {length = 0, bytes = 0x};
    "connector-type" = {length = 4, bytes = 0x02000000};
    "port-number" = 0;
    "startup-timing" = {length = 168, bytes = 0x00000000
00000080 05100080 00000000 ... 00000000 00000000 };
    }; // IOFramebuffer properties

```

```

IOFBConfig/IOFBModes = [
    { DetailedTimingInformation = { V2 id:0x80003000
2560x1600@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (not scaled)
inset:0x0 flags(0°,) signal() levels:0714_0286 links:2 vbext:0
vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(SDR,) dsc(0x0 0bpp) };
DisplayModeInformation = { 2560x1600@60.001Hz maxdepth:1
flags:Valid,Safe,Default, imagesize:286x179mm }; ID = 0x80003000; },
    { DetailedTimingInformation = { V2 id:0x80003001
1280x800@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1280x800@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x80003001; },
    { DetailedTimingInformation = { V2 id:0x80003002
3360x2100@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 3360x2100@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x80003002; },
    { DetailedTimingInformation = { V2 id:0x80003003
2880x1800@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2880x1800@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x80003003; },
    { DetailedTimingInformation = { V2 id:0x80003004
2048x1280@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2048x1280@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x80003004; },
    { DetailedTimingInformation = { V2 id:0x80003005
2560x1440@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 2560x1440@60.001Hz maxdepth:1
flags:Valid,Safe,NotPreset,ValidForMirroring, imagesize:286x160mm };
ID = 0x80003005; },

```

```

        { DetailedTimingInformation = { V2 id:0x80003006
1920x1200@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1920x1200@60.001Hz maxdepth:1 flags:Valid,Safe,ValidForMirroring,
imagesize:286x179mm }; ID = 0x80003006; },
        { DetailedTimingInformation = { V2 id:0x80003007
1920x1080@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1920x1080@60.001Hz maxdepth:1
flags:Valid,Safe,NotPreset,ValidForMirroring, imagesize:286x160mm };
ID = 0x80003007; },
        { DetailedTimingInformation = { V2 id:0x80003008
1280x720@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1280x720@60.001Hz maxdepth:1
flags:Valid,Safe,NotPreset,ValidForMirroring, imagesize:286x160mm };
ID = 0x80003008; },
        { DetailedTimingInformation = { V2 id:0x80003009
1650x1050@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1650x1050@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x80003009; },
        { DetailedTimingInformation = { V2 id:0x8000300a
1440x900@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1440x900@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x8000300a; },
        { DetailedTimingInformation = { V2 id:0x8000300b
1152x720@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1152x720@60.001Hz maxdepth:1 flags:Valid,Safe,
imagesize:286x179mm }; ID = 0x8000300b; },

```

```

        { DetailedTimingInformation = { V2 id:0x8000300c
1024x768@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1024x768@60.001Hz maxdepth:1 flags:Valid,Safe,NotPreset,
imagesize:238x179mm }; ID = 0x8000300c; },
        { DetailedTimingInformation = { V2 id:0x8000300d
840x524@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +) v(32
8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 840x524@60.001Hz maxdepth:1 flags:Valid,Safe, imagesize:286x179mm };
ID = 0x8000300d; },
        { DetailedTimingInformation = { V2 id:0x8000300e
800x600@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +) v(32
8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 800x600@60.001Hz maxdepth:1 flags:Valid,Safe,NotPreset,
imagesize:238x179mm }; ID = 0x8000300e; },
        { DetailedTimingInformation = { V2 id:0x8000300f
640x480@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +) v(32
8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 640x480@60.001Hz maxdepth:1 flags:Valid,Safe,NotPreset,
imagesize:238x179mm }; ID = 0x8000300f; },
        { DetailedTimingInformation = { V2 id:0x80003010
1680x1050@60.001Hz 98.761kHz 260.730MHz (errMHz 0,0) h(8 32 40 +)
v(32 8 6 -) border(h0:0 v0:0) active:2560x1600 (scaled) inset:0x0
flags(0°,) signal() levels:0714_0286 links:2 vbext:0 vbstretch:0
vbshrink:0 encodings(RGB,) bpc(10,) colorimetry(NativeRGB,)
dynamicrange(SDR,) dsc(0x0 0bpp) }; DisplayModeInformation =
{ 1680x1050@60.001Hz maxdepth:1 flags:Valid,Safe,ValidForMirroring,
imagesize:286x179mm }; ID = 0x80003010; },
    ]; // IOFBConfig/IOFBModes

IOFBConfig/IOFBDetailedTimings = [
    17 duplicates
]; // IOFBConfig/IOFBDetailedTimings

IOFBConfig/IOFB0Hz (suppressRefresh) = true;
IOFBConfig/dims (IOFB0vrDimensions) = 2560x1600
setFlags:NotPreset, clearFlags:Valid,Safe,Default;;

```

```

        IOFBCursorInfo = [
            { version:1.0 size:256x256 depth:32ARGB maskBitDepth:0
colors:0 colorEncodings:0 flags:0 supportedSpecialEncodings:
(inverting,?,) specialEncodings:(0ffffff,0,000000000000) },
        ]; // IOFBCursorInfo

        IOFBDetailedTimings = [
            17 duplicates
        ]; // IOFBDetailedTimings

        IOFBTimingRange = { V2 version:0 0...-1Hz 0.000...
4294967.295kHz 20.000...450.000±0.000MHz
sync(seperate,green,composite,serration,)
levels(0700_0300,0714_0286,1000_0400,0700_0000,) signal(interlaced CEA
w/ confirm,) (total,active,blank,frontp,syncw,border1,border2)
(charsize(h(1,1,1,1,1,1,1) v(1,1,1,1,1,1,1)) pixels(h(8191,0...8192,0...
8191,0...8191,0...8191,0...0,0...0) v(8191,0...3072,0...8191,0...8191,0...8191,0...0,0...
0))) links(#:0 0:0.000...0.000 1:0.000...0.000 MHz)
encodings(RGB,444,422,420,) bpc(8,10,)
colorimetry(NativeRGB,sRGB,DCIP3,BT709,BT2020,)
dynamicrange(SDR,HDR10,DolbyTunnelMode,TraditionalGammaHDR,Traditional
GammaSDR,) 0.0.0.0.0.0.0.0.0.0 dsc(0.000Gbps 0x0...0x0 spl:0...0 0...0bpc
0...0bpp VBR:disabled BP:unused) };

        startup-timing = { appleTimingID = Invalid (not a standard
timing); flags = DetailedTimingValid;; DetailedTimingInformation =
{ V2 id:0x80001005 2560x1440@60.001Hz 98.761kHz 260.730MHz (errMHz
0,0) h(8 32 40 +) v(32 8 6 -) border(h0:0 v0:0) active:2560x1600
(scaled) inset:0x0 flags(0°,) signal() levels:0714_0286 links:2
vbext:0 vbstretch:0 vbshrink:0 encodings(RGB,) bpc(10,)
colorimetry(NativeRGB,) dynamicrange(SDR,) dsc(0x0 0bpp) } };
        }; // IOFramebuffer 0x1f03

        IODisplay 0x3143 = {
            IODisplay properties = {
                CFBundleIdentifier =
"com.apple.iokit.IOGraphicsFamily";
                CFBundleIdentifierKernel =
"com.apple.iokit.IOGraphicsFamily";
                DisplayParameterHandlerUsesCharPtr = 1;
                DisplayProductID = 41022;
                DisplaySerialNumber = 0;
                DisplayVendorID = 1552;
                IOClass = AppleBacklightDisplay;
                IODisplayAttributes = {
                    IODisplayAttributes = {length = 40, bytes =
0x67617476 00000000 73676c66 04000000 ... 676c6664 00000000 };
                };
                IODisplayConnectFlags = {length = 4, bytes =
0x00080000};
            }
        }
    }
}

```

```

        IODisplayEDID = {length = 256, bytes = 0x00ffffff
ffffff00 06103ea0 00000000 ... 00000000 00006290 };
        IODisplayGUID = 436849163854938112;
        IODisplayParameters = {
            bgsc = {
                max = 65536;
                min = 0;
                value = 65536;
            };
            bklt = {
                max = 65535;
                min = 0;
                value = 655;
            };
            brightness = {
                max = 1024;
                min = 0;
                value = 64;
            };
            "brightness-fade" = {
                max = 1023;
                min = 0;
                value = 0;
            };
            "brightness-probe" = {
                max = 1024;
                min = 0;
                value = 64;
            };
            commit = {
                reg = 0;
            };
            dsyp = {
                max = 2;
                min = 0;
                value = 2;
            };
            "fade-style" = {
                max = 10;
                min = 0;
                value = 0;
            };
            "fade-time1" = {
                max = 10000;
                min = 0;
                value = 500;
            };
            "fade-time2" = {
                max = 10000;
                min = 0;
            };
        };
    };
};

```

```

        value = 4000;
    };
    "fade-time3" =          {
        max = 10000;
        min = 0;
        value = 500;
    };
    ggsc =          {
        max = 65536;
        min = 0;
        value = 65536;
    };
    "linear-brightness" =          {
        max = 65403;
        min = 0;
        value = 655;
    };
    "linear-brightness-probe" =          {
        max = 65403;
        min = 0;
        value = 655;
    };
    ownr = 4294968662;
    rgsc =          {
        max = 65536;
        min = 0;
        value = 65536;
    };
    "usable-linear-brightness" =          {
        max = 65403;
        min = 655;
        value = 655;
    };
    vblm =          {
        max = 196608;
        min = 0;
        value = 65536;
    };
};
IODisplayPrefsKey = "IOService:/
AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2-610-
a03e-7530a4a7b3c4372a";
IODisplayPrefsKeyOld = "IOService:/
AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/IGPU@2/
AppleIntelFramebuffer@0/display0/AppleBacklightDisplay-610-a03e";
IOMatchCategory = IODefaultMatchCategory;
IOPersonalityPublisher =
"com.apple.iokit.IOGraphicsFamily";
IOPowerManagement =          {
    CapabilityFlags = 49152;
};

```

```

        CurrentPowerState = 3;
        MaxPowerState = 3;
    };
    IOProbeScore = 3000;
    IOProviderClass = IODisplayConnect;
}; // IODisplay properties
}; // IODisplay 0x3143

IOFramebufferOpen = {
    kIOFBCursorMemory = { size:8126704 version:3
location:869x232 };
    kIOFBVRAMMemory = { size:256MB };
}; // IOFramebufferOpen

I2C Interfaces = {
    [0] = {
        I2C Interface properties = {
            IOI2CBusType = 1;
            IOI2CInterfaceID = 0;
            IOI2CSupportedCommFlags = 2;
            IOI2CTransactionTypes = 19;
        }; // I2C Interface properties
        { id:0x0 busType:I2C transactionTypes:
(No,Simple,DisplayPort,) commFlags:(UseSubAddress,) };
        EDID from E-DDC (old method) =
00ffffffffffff0006103ea000000000101b0104b51d1278020fa1ae5243b0260d5054
000000010101010101010101010101010101010101010101d9650050a0402e60082008081eb31000
001a000000fc00436f6c6f72204c43440a202020000000100000000000000000000000
00000000000010000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000
01180f281700000000000000000000000000000000000000000000000000000000000000
00463059393334353032324c4d4a465841580a20202020207f8129fa10000201001100
000290034c045105b6079f0a3e0dda12d319b4233e308142fe5cd280ffb3c7fab60000
00000000000000000000000000000000000000000000000000000000000000000000000000
EDID from E-DDC =
00ffffffffffff0006103ea000000000101b0104b51d1278020fa1ae5243b0260d5054
000000010101010101010101010101010101010101010101d9650050a0402e60082008081eb31000
001a000000fc00436f6c6f72204c43440a2020200000001000000000000000000000000000000
00000000000010000000000000000000000000000000000000000000000000000000000000
01180f281700000000000000000000000000000000000000000000000000000000000000
00463059393334353032324c4d4a465841580a20202020207f8129fa10000201001100
000290034c045105b6079f0a3e0dda12d319b4233e308142fe5cd280ffb3c7fab60000
00000000000000000000000000000000000000000000000000000000000000000000000000
Timing Report = { (unexpected data:
a14f4c8d2392955c3a) };
VCP Capabilities = {
    (unexpected data at offset 0:
a14f4c8d2392955c3a0673b3f08d35f7b50e6d2e661fa58f294dc0779d511d8c5a87e2
842fda),
}; // VCP Capabilities
DisplayPort = {

```

```

00000h: 11 0a 84 41 00 00 01 80 02 00 00 00 0f 0b
00 00 ...A.....
00070h: 01 01 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
00100h: 0c 84 00 00 00 00 00 00 00 08 01 00 00 00
00 00 .....
00170h: 01 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
00200h: 01 00 77 77 81 01 00 00 00 00 00 00 00 00
00 00 ..ww.....
00210h: 07 80 07 80 06 80 06 80 00 00 00 00 00 00
00 00 .....
00240h: 49 71 6c 7d 9b c0 25 00 00 00 00 00 00 00
00 00 Iql}..%.
00320h: 01 3c 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .<.....
00400h: 00 10 fa 65 44 13 67 62 61 01 04 04 00 00
04 00 ...eD.gba.....
00430h: 00 ff ff ff ff ff ff 00 06 10 3e a0 00 00
00 00 .....>.....
00440h: 00 01 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
00460h: ff ff 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
004c0h: 00 00 00 00 00 00 00 00 00 00 00 00 12 00
00 00 .....
004d0h: 03 03 01 01 00 21 02 6b 00 51 01 00 0e 00
00 00 .....!.k.Q.....
004e0h: 06 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
004f0h: 00 00 80 4c cc 5c 00 00 00 00 26 15 00 00
2d 00 ...L.\....&...-.
00600h: 01 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
00700h: 02 83 97 00 00 00 00 00 00 00 00 00 00 00
00 00 .....
00720h: 81 02 02 8f 10 10 10 00 00 00 00 00 00 00
00 00 .....
02000h: 00 00 00 00 00 00 00 00 03 08 00 00 77 77
01 01 .....ww..

```

Receiver Capability

```

00000h DPCD_REV: 1.1
00001h MAX_LINK_RATE: HBR
00002h MAX_LANE_COUNT: 4, ENHANCED_FRAME_CAP
00003h MAX_DOWNSPREAD: MAX_DOWNSPREAD_0_5,
NO_AUX_HANDSHAKE_LINK_TRAINING
00006h MAIN_LINK_CHANNEL_CODING:
CAP_ANSI_8B10B
00007h DOWN_STREAM_PORT_COUNT: 0, OUI_SUPPORT

```

```

                                00008h RECEIVE_PORT_0_CAP_0:
LOCAL_EDID_PRESENT
                                0000ch I2C_SPEED_CAP: 1kbps, 5kbps, 10kbps,
100kbps
                                0000dh EDP_CONFIGURATION_CAP:
ALTERNATE_SCRAMBLER_RESET_CAP, FRAMING_CHANGE_CAP,
DPCD_DISPLAY_CONTROL_CAPABLE, ?0x08
                                00070h PSR_SUPPORT: PSR_IS_SUPPORTED
                                00071h PSR_CAPS: PSR_NO_TRAIN_ON_EXIT,
PSR_SETUP_TIME = 330µs
                                Link Configuration
                                00100h LINK_BW_SET: 3_24 (AppleVGA)
                                00101h LANE_COUNT_SET: 4, ENHANCED_FRAME_EN
                                00109h I2C_SPEED_CONTROL_STATUS: 100kbps
                                0010ah EDP_CONFIGURATION_SET:
ALTERNATE_SCRAMBLER_RESET_ENABLE
                                00170h PSR_EN_CFG: PSR_ENABLE
                                Link/Sink Device Status
                                00200h SINK_COUNT: 1
                                00202h LANE0_1_STATUS: LANE0 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
                                00202h LANE0_1_STATUS: LANE1 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
                                00203h LANE2_3_STATUS: LANE2 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
                                00203h LANE2_3_STATUS: LANE3 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
                                00204h LANE_ALIGN_STATUS_UPDATED:
INTERLANE_ALIGN_DONE, LINK_STATUS_UPDATED
                                00205h SINK_STATUS: RECEIVE_PORT_0_STATUS
                                00210h SYMBOL_ERROR_COUNT_LANE0: 7, valid
                                00212h SYMBOL_ERROR_COUNT_LANE1: 7, valid
                                00214h SYMBOL_ERROR_COUNT_LANE2: 6, valid
                                00216h SYMBOL_ERROR_COUNT_LANE3: 6, valid
                                00240h TEST_CRC_R_CR: 0x7149
                                00242h TEST_CRC_G_Y: 0x7d6c
                                00244h TEST_CRC_B_CB: 0xc09b
                                00246h TEST_SINK_MISC: TST_CRC_COUNT = 5,
TEST_CRC_SUPPORTED
                                Source Device-Specific
                                00320h : 01 3c 00 00 00 00 00 00 00 00 00 00
00 00 00 00 .<.....
                                Sink Device-Specific
                                00400h SINK_OUI: 00-10-FA = Apple, Inc.
                                00403h SINK_ID: 65 44 13 67 62 61 eD.gba
                                00409h SINK_HW_REV: 0.1
                                0040ah SINK_SW_REV: 4.4
                                0040ch : 00 00 04 00 ....
                                00430h : 00 ff ff ff ff ff ff 00 06 10 3e a0
00 00 00 00 .....>.....

```

```

00440h : 00 01 00 00 00 00 00 00 00 00 00 00
00 00 00 00 .....
00460h : ff ff 00 00 00 00 00 00 00 00 00 00
00 00 00 00 .....
004c0h : 00 00 00 00 00 00 00 00 00 00 00 00
12 00 00 00 .....
004d0h : 03 03 01 01 00 21 02 6b 00 51 01 00
0e 00 00 00 .....!.k.Q.....
004e0h : 06 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 .....
004f0h : 00 00 80 4c cc 5c 00 00 00 00 26 15
00 00 2d 00 ...L.\....&....-.
Sink Control
00600h SET_POWER: SET_POWER_D0
eDP-Specific
00700h EDP_DPCD_REV: eDP 1.3
00701h EDP_GENERAL_CAP_1:
EDP_TCON_BACKLIGHT_ADJUSTMENT_CAP, EDP_BACKLIGHT_PIN_ENABLE_CAP,
EDP_SET_POWER_CAP
00702h EDP_BACKLIGHT_ADJUSTMENT_CAP:
EDP_BACKLIGHT_BRIGHTNESS_PWM_PIN_CAP,
EDP_BACKLIGHT_BRIGHTNESS_AUX_SET_CAP,
EDP_BACKLIGHT_BRIGHTNESS_BYTE_COUNT,
EDP_BACKLIGHT_FREQ_PWM_PIN_PASSTHRU_CAP,
EDP_VBLANK_BACKLIGHT_UPDATE_CAP
00720h EDP_DISPLAY_CONTROL_REGISTER:
EDP_BACKLIGHT_ENABLE, EDP_VBLANK_BACKLIGHT_UPDATE_ENABLE
00721h EDP_BACKLIGHT_MODE_SET_REGISTER: DPCD
00722h EDP_BACKLIGHT_BRIGHTNESS_MSB: 655
00724h EDP_PWMGEN_BIT_COUNT: 16
00725h EDP_PWMGEN_BIT_COUNT_CAP_MIN: 16
00726h EDP_PWMGEN_BIT_COUNT_CAP_MAX: 16
DPRX ESI (Event Status Indicator)
02008h PSR_STATUS: PSR_SINK_ACTIVE_SINK_SYNCED
02009h SYNCHRONIZATION_LATENCY_IN_SINK:
MAX_RESYNC_FRAME_COUNT = 8, LAST_ACTUAL_SYNCHRONIZATION_LATENCY = 0
0200ch LANE0_1_STATUS_ESI: LANE0 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
0200ch LANE0_1_STATUS_ESI: LANE1 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
0200dh LANE2_3_STATUS_ESI: LANE2 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
0200dh LANE2_3_STATUS_ESI: LANE3 = CR_DONE,
CHANNEL_EQ_DONE, SYMBOL_LOCKED
0200eh LANE_ALIGN_STATUS_UPDATED_ESI:
INTERLANE_ALIGN_DONE
0200fh SINK_STATUS_ESI: RECEIVE_PORT_0_STATUS
}; // DisplayPort
},
}; // I2C Interfaces

```

```

    }, // Monitor[1]: /AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/
    IGPU@2/AppleIntelFramebuffer@0

    IOFramebuffer: /AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/
    IGPU@2/AppleIntelFramebuffer@2 = {
        DisplayInfo = {
            DisplayInfo properties = {
                IODisplayLocation = unknown;
            }; // DisplayInfo properties
        }; // DisplayInfo

        IOFramebuffer 0x4803 = {
            IOFramebuffer properties = {
                "AAPL,DisplayPipe" = {length = 4, bytes = 0xffff0000};
                IOAccelIndex = 2;
                IOAccelRevision = 2;
                IOAccelTypes = "IOService:/AppleACPIPlatformExpert/
PCI0@0/AppleACPIPCI/IGPU@2/IntelAccelerator";
                IOCFPlugInTypes = {
                    "ACCF0000-0000-0000-0000-000a2789904e" =
                    "IOAccelerator2D.plugin";
                };
                IODisplayParameters = "IOFramebufferParameterHandler
is not serializable";
                IOFBCLUTDefer = 1;
                IOFBConfig = {
                    IOFB0Hz = 1;
                    IOFBModes = (
                        {
                            AID = 550;
                            DM = {length = 36, bytes = 0x01000000
01000000 00000000 00000000 ... 00000000 00000000 };
                            ID = "-256";
                        }
                    );
                };
                IOFBCursorInfo = (
                );
                IOFBDependentID = 4294968654;
                IOFBDependentIndex = 2;
                IOFBGammaCount = 1024;
                IOFBGammaWidth = 10;
                IOFBI2CInterfaceIDs = (
                    8589934592
                );
                IOFBI2CInterfaceInfo = (
                    {
                        IOI2CInterfaceID = 0;
                        IOI2CTransactionTypes = 19;
                    }
                );
            };
        };
    };

```

```

    }
);
IOFBIntegrated = 1;
IOFBNeedsRefresh = 1;
IOFBProbeOptions = 1;
IOFBScalerInfo = {length = 48, bytes = 0x00000000
00000000 00000000 00000000 ... 00000000 00000000 };
IOFBTimingRange = {length = 312, bytes = 0x00000000
00000000 00000000 00000000 ... 00000000 00000000 };
IOFBTransform = 0;
IOFBUIScale = {length = 4, bytes = 0x00000000};
IOFBWaitCursorFrames = 29;
IOFBWaitCursorPeriod = 33333333;
IOFramebufferOpenGLIndex = 2;
IOGeneralInterest = "IOCommand is not serializable";
IOI2CTransactionTypes = 19;
IOPMStrictTreeOrder = 1;
IOPowerManagement = {
    CapabilityFlags = 32768;
    ChildProxyPowerState = 2;
    CurrentPowerState = 2;
    DriverPowerState = 1;
    MaxPowerState = 2;
};
"connector-type" = {length = 4, bytes = 0x00040000};
"port-number" = 6;
}; // IOFramebuffer properties

IOFBConfig/IOFBModes = [
    { DisplayModeInformation = { 1x1@0.000Hz maxdepth:0
flags:Valid,Safe,Default, imagesize:0x0mm }; AppleTimingID =
550:Apple_0x0_0hz_Offline; ID = 0xffffffff00; },
]; // IOFBConfig/IOFBModes

IOFBConfig/IOFB0Hz (suppressRefresh) = true;

IOFBTimingRange = { V2 version:0 0...-1Hz 0.000...
4294967.295kHz 20.000...450.000±0.000MHz
sync(seperate,green,composite,serration,)
levels(0700_0300,0714_0286,1000_0400,0700_0000,) signal(interlaced CEA
w/ confirm,) (total,active,blank,frontp,syncw,border1,border2)
(charsize(h(1,1,1,1,1,1,1) v(1,1,1,1,1,1,1)) pixels(h(8191,0...8192,0...
8191,0...8191,0...8191,0...0,0...0) v(8191,0...3072,0...8191,0...8191,0...8191,0...0,0...
0))) links(#:0 0:0.000...0.000 1:0.000...0.000 MHz)
encodings(RGB,444,422,420,) bpc(8,10,)
colorimetry(NativeRGB,sRGB,DCIP3,BT709,BT2020,)
dynamicrange(SDR,HDR10,DolbyTunnelMode,TraditionalGammaHDR,Traditional
GammaSDR,) 0.0.0.0.0.0.0.0.0.0 dsc(0.000Gbps 0x0...0x0 spl:0...0 0...0bpc
0...0bpp VBR:disabled BP:unused) };
}; // IOFramebuffer 0x4803

```

```

        IOFramebufferOpen = {
            kIOFBCursorMemory = { size:8126704 version:3
location:0x0 };
            kIOFBVRAMMemory = { size:256MB };
        }; // IOFramebufferOpen

        I2C Interfaces = {
            [0] = {
                I2C Interface properties = {
                    IOI2CBusType = 1;
                    IOI2CInterfaceID = 8589934592;
                    IOI2CSupportedCommFlags = 2;
                    IOI2CTransactionTypes = 19;
                }; // I2C Interface properties
                { id:0x200000000 busType:I2C transactionTypes:
(No,Simple,DisplayPort,) commFlags:(UseSubAddress,) };
                EDID from E-DDC (old method) = (request
error:e00002e2)
                EDID from E-DDC = (request error:e00002e2)
                Timing Report = { (unexpected data:
518107b90100000000) };
                VCP Capabilities = {
                    (unexpected data at offset 0:
5183f300004f000000000000021d9d40ff87f000000000000000005cbb90ff87f00
005298),
                }; // VCP Capabilities
                DisplayPort = {
                    (00000h: IOI2CSendRequest error:e00002e2)
                }; // DisplayPort
            },
        }; // I2C Interfaces

    }, // IOFramebuffer: /AppleACPIPlatformExpert/PCI0@0/AppleACPIPCI/
IGPU@2/AppleIntelFramebuffer@2

]; // IOSERVICE
-----
CURRENT MODE = [
    Monitor[0] = {
        current mode by CGSGetCurrentDisplayMode (private) = 1 = { 1:
id:0x80003000 2560x1440@59.875Hz 59Hz (dens=1.0) pixels:2560x1440
resolution:109x109 32bpp 10bpc 3cpp rowbytes:10240 IOFlags:
(Valid,Safe,Default,Television,) flags:
(Valid,Safe,Default,Television,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 };
        current mode by CGDisplayCurrentMode (deprecated) = { 1:
id:0x80003000 2560x1440@59.875Hz 60Hz (dens=1.0) pixels:2560x1440
resolution:109x109 32bpp 8bpc 3cpp rowbytes:10240 IOFlags:

```

```

(Valid, Safe, Default, Television,) flags:(gui usable, hw safe, tv
out, 0, 0, 0, 0,) depthFormat:0 encoding:0 };
    current mode by CGDisplayCopyDisplayMode = { 1:
id:0x80003000 2560x1440@59.875Hz 60Hz (dens=1.0) pixels:2560x1440
resolution:109x109 32bpp 10bpc 3cpp rowbytes:10240 IOFlags:
(Valid, Safe, Default, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB };
    }, // Monitor[0]
    Monitor[1] = {
        current mode by CGSGetCurrentDisplayMode (private) = 31 =
{ 31: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0) pixels:2560x1440
resolution:227x229 32bpp 10bpc 3cpp rowbytes:10240 IOFlags:
(Valid, Safe, NotPreset, ValidForMirroring,) flags:
(Valid, NotPreset, ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 };
        current mode by CGDisplayCurrentMode (deprecated) =
{ 31: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0) pixels:2560x1440
resolution:227x229 32bpp 8bpc 3cpp rowbytes:10240 IOFlags:
(Valid, Safe, NotPreset, ValidForMirroring,) flags:(gui usable, hw
safe, 0, 0, 0, 0, 0,) depthFormat:0 encoding:0 };
        current mode by CGDisplayCopyDisplayMode =
{ 31: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0) pixels:2560x1440
resolution:227x229 32bpp 10bpc 3cpp rowbytes:10240 IOFlags:
(Valid, Safe, NotPreset, ValidForMirroring,) flags:(gui usable, hw safe, ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB };
    }, // Monitor[1]
}; // CURRENT MODE

```

```

-----
ALL MODES = [
    Monitor[0] = [
        CGDisplayAvailableModes (deprecated) (47 modes) = [
            { 1: id:0x80003000 2560x1440@59.875Hz 60Hz (dens=1.0)
pixels:2560x1440 resolution:109x109 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe, Default, Television,) flags:(gui usable, hw safe, tv
out, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
            { 3: id:0x80003002 1280x1024@75.000Hz 75Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv
out, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
            { 5: id:0x80003004 1024x768@75.000Hz 75Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv
out, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
            { 7: id:0x80003006 1024x768@70.000Hz 70Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv
out, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
            { 9: id:0x80003008 1024x768@60.000Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096

```

```

IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 11: id:0x8000300a 800x600@75.000Hz 75Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 13: id:0x8000300c 800x600@72.125Hz 72Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 15: id:0x8000300e 800x600@60.250Hz 60Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 17: id:0x80003010 800x600@56.250Hz 56Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 19: id:0x80003012 640x480@75.000Hz 75Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 21: id:0x80003014 640x480@72.750Hz 73Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 23: id:0x80003016 640x480@59.875Hz 60Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 25: id:0x80003018 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 27: id:0x8000301a 1280x1024@60.000Hz 60Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 29: id:0x8000301c 720x480@59.875Hz 60Hz (dens=1.0)
pixels:720x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2944 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 31: id:0x8000301e 720x576@50.000Hz 50Hz (dens=1.0)
pixels:720x576 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2944 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,0,0,0,0,)
depthFormat:0 encoding:0 },
    { 33: id:0x80003020 1280x720@60.000Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },

```

```

        { 35: id:0x80003022 1280x720@120.000Hz 120Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 37: id:0x80003024 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 39: id:0x80003026 1920x1080@120.000Hz 120Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 41: id:0x80003027 1920x1080@30.000Hz 30Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 43: id:0x80003029 1920x1080@143.875Hz 144Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 45: id:0x8000302a 1280x720@59.875Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:55x55 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 47: id:0x8000302b 800x600@59.875Hz 60Hz (dens=1.0)
pixels:800x600 resolution:46x45 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 49: id:0x8000302c 1024x768@59.875Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:58x58 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 51: id:0x8000302d 1024x576@59.875Hz 60Hz (dens=1.0)
pixels:1024x576 resolution:44x44 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 53: id:0x8000302e 1280x960@59.875Hz 60Hz (dens=1.0)
pixels:1280x960 resolution:73x73 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 55: id:0x8000302f 1344x1008@59.875Hz 60Hz (dens=1.0)
pixels:1344x1008 resolution:77x76 32bpp 8bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 57: id:0x80003030 1344x756@59.875Hz 60Hz (dens=1.0)
pixels:1344x756 resolution:57x57 32bpp 8bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
        { 59: id:0x80003031 1440x900@59.875Hz 60Hz (dens=1.0)
pixels:1440x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:5760

```

```

IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 61: id:0x80003032 1680x1050@59.875Hz 60Hz (dens=1.0)
pixels:1680x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 63: id:0x80003033 1600x1200@59.875Hz 60Hz (dens=1.0)
pixels:1600x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 65: id:0x80003034 1600x900@59.875Hz 60Hz (dens=1.0)
pixels:1600x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 67: id:0x80003035 1920x1080@59.875Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 69: id:0x80003036 1920x1200@59.875Hz 60Hz (dens=1.0)
pixels:1920x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 71: id:0x80003037 2048x1152@59.875Hz 60Hz (dens=1.0)
pixels:2048x1152 resolution:87x87 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv
out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 79: id:0x8000303b 2048x1280@59.875Hz 60Hz (dens=1.0)
pixels:2048x1280 resolution:97x97 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 81: id:0x8000303c 1650x1050@59.875Hz 60Hz (dens=1.0)
pixels:1650x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 95: id:0x80003031 720x450@59.875Hz 60Hz (dens=2.0)
pixels:1440x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 97: id:0x80003032 840x525@59.875Hz 60Hz (dens=2.0)
pixels:1680x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 103: id:0x80003035 960x540@59.875Hz 60Hz (dens=2.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
{ 105: id:0x80003036 960x600@59.875Hz 60Hz (dens=2.0)
pixels:1920x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:7680

```

```

IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 109: id:0x80003038 1280x800@59.875Hz 60Hz (dens=2.0)
pixels:2560x1600 resolution:121x121 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 111: id:0x80003039 1680x1050@59.875Hz 60Hz (dens=2.0)
pixels:3360x2100 resolution:159x159 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 113: id:0x8000303a 1440x900@59.875Hz 60Hz (dens=2.0)
pixels:2880x1800 resolution:136x136 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 115: id:0x8000303b 1024x640@59.875Hz 60Hz (dens=2.0)
pixels:2048x1280 resolution:97x97 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
    { 117: id:0x8000303c 825x525@59.875Hz 60Hz (dens=2.0)
pixels:1650x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,0,0,0,0,) depthFormat:0 encoding:0 },
    ]; // CGDisplayAvailableModes
    CGDisplayCopyAllDisplayModes (94 modes) = [
        { 0: id:0x80003000 2560x1440@59.875Hz 60Hz (dens=1.0)
pixels:2560x1440 resolution:109x109 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,Default,Television,) flags:(gui usable,hw safe,tv
out,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGBBBBBBBBB },
        { 1: id:0x80003000 2560x1440@59.875Hz 60Hz (dens=1.0)
pixels:2560x1440 resolution:109x109 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,Default,Television,) flags:(gui usable,hw safe,tv
out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
        { 2: id:0x80003002 1280x1024@75.000Hz 75Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
        { 3: id:0x80003002 1280x1024@75.000Hz 75Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
        { 4: id:0x80003004 1024x768@75.000Hz 75Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },

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    { 5: id:0x80003004 1024x768@75.000Hz 75Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 6: id:0x80003006 1024x768@70.000Hz 70Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 7: id:0x80003006 1024x768@70.000Hz 70Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 8: id:0x80003008 1024x768@60.000Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 9: id:0x80003008 1024x768@60.000Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 10: id:0x8000300a 800x600@75.000Hz 75Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 11: id:0x8000300a 800x600@75.000Hz 75Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 12: id:0x8000300c 800x600@72.125Hz 72Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 13: id:0x8000300c 800x600@72.125Hz 72Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 14: id:0x8000300e 800x600@60.250Hz 60Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 15: id:0x8000300e 800x600@60.250Hz 60Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 16: id:0x80003010 800x600@56.250Hz 56Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 17: id:0x80003010 800x600@56.250Hz 56Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
```

IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 18: id:0x80003012 640x480@75.000Hz 75Hz (dens=1.0)
 pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
 (Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 19: id:0x80003012 640x480@75.000Hz 75Hz (dens=1.0)
 pixels:640x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2560
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 20: id:0x80003014 640x480@72.750Hz 73Hz (dens=1.0)
 pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
 (Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 21: id:0x80003014 640x480@72.750Hz 73Hz (dens=1.0)
 pixels:640x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2560
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 22: id:0x80003016 640x480@59.875Hz 60Hz (dens=1.0)
 pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
 (Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 23: id:0x80003016 640x480@59.875Hz 60Hz (dens=1.0)
 pixels:640x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2560
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 24: id:0x80003018 1920x1080@60.000Hz 60Hz (dens=1.0)
 pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 25: id:0x80003018 1920x1080@60.000Hz 60Hz (dens=1.0)
 pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 26: id:0x8000301a 1280x1024@60.000Hz 60Hz (dens=1.0)
 pixels:1280x1024 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 27: id:0x8000301a 1280x1024@60.000Hz 60Hz (dens=1.0)
 pixels:1280x1024 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 28: id:0x8000301c 720x480@59.875Hz 60Hz (dens=1.0)
 pixels:720x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2944 IOFlags:
 (Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB },
 { 29: id:0x8000301c 720x480@59.875Hz 60Hz (dens=1.0)
 pixels:720x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2944
 IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },

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        { 30: id:0x8000301e 720x576@50.000Hz 50Hz (dens=1.0)
pixels:720x576 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2944 IOFlags:
(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB },
        { 31: id:0x8000301e 720x576@50.000Hz 50Hz (dens=1.0)
pixels:720x576 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2944
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB },
        { 32: id:0x80003020 1280x720@60.000Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB },
        { 33: id:0x80003020 1280x720@60.000Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB },
        { 34: id:0x80003022 1280x720@120.000Hz 120Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB },
        { 35: id:0x80003022 1280x720@120.000Hz 120Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB },
        { 36: id:0x80003024 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB },
        { 37: id:0x80003024 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB },
        { 38: id:0x80003026 1920x1080@120.000Hz 120Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB },
        { 39: id:0x80003026 1920x1080@120.000Hz 120Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB },
        { 40: id:0x80003027 1920x1080@30.000Hz 30Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB },
        { 41: id:0x80003027 1920x1080@30.000Hz 30Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB },
        { 42: id:0x80003029 1920x1080@143.875Hz 144Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680

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IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 43: id:0x80003029 1920x1080@143.875Hz 144Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 44: id:0x8000302a 1280x720@59.875Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:55x55 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 45: id:0x8000302a 1280x720@59.875Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:55x55 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 46: id:0x8000302b 800x600@59.875Hz 60Hz (dens=1.0)
pixels:800x600 resolution:46x45 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid, Safe, NotPreset, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 47: id:0x8000302b 800x600@59.875Hz 60Hz (dens=1.0)
pixels:800x600 resolution:46x45 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid, Safe, NotPreset, Television,) flags:(gui usable, hw
safe, tv out, ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 48: id:0x8000302c 1024x768@59.875Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:58x58 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, NotPreset, Television,) flags:(gui usable, hw
safe, tv out, ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 49: id:0x8000302c 1024x768@59.875Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:58x58 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, NotPreset, Television,) flags:(gui usable, hw
safe, tv out, ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 50: id:0x8000302d 1024x576@59.875Hz 60Hz (dens=1.0)
pixels:1024x576 resolution:44x44 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 51: id:0x8000302d 1024x576@59.875Hz 60Hz (dens=1.0)
pixels:1024x576 resolution:44x44 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(gui usable, hw safe, tv out, ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 52: id:0x8000302e 1280x960@59.875Hz 60Hz (dens=1.0)
pixels:1280x960 resolution:73x73 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, NotPreset, Television,) flags:(gui usable, hw
safe, tv out, ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 53: id:0x8000302e 1280x960@59.875Hz 60Hz (dens=1.0)
pixels:1280x960 resolution:73x73 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, NotPreset, Television,) flags:(gui usable, hw
safe, tv out, ui suitable,) depthFormat:8 encoding:--

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RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 54: id:0x8000302f 1344x1008@59.875Hz 60Hz (dens=1.0)
pixels:1344x1008 resolution:77x76 32bpp 8bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 55: id:0x8000302f 1344x1008@59.875Hz 60Hz (dens=1.0)
pixels:1344x1008 resolution:77x76 32bpp 10bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 56: id:0x80003030 1344x756@59.875Hz 60Hz (dens=1.0)
pixels:1344x756 resolution:57x57 32bpp 8bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 57: id:0x80003030 1344x756@59.875Hz 60Hz (dens=1.0)
pixels:1344x756 resolution:57x57 32bpp 10bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 58: id:0x80003031 1440x900@59.875Hz 60Hz (dens=1.0)
pixels:1440x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 59: id:0x80003031 1440x900@59.875Hz 60Hz (dens=1.0)
pixels:1440x900 resolution:68x68 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 60: id:0x80003032 1680x1050@59.875Hz 60Hz (dens=1.0)
pixels:1680x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 61: id:0x80003032 1680x1050@59.875Hz 60Hz (dens=1.0)
pixels:1680x1050 resolution:80x80 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 62: id:0x80003033 1600x1200@59.875Hz 60Hz (dens=1.0)
pixels:1600x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 63: id:0x80003033 1600x1200@59.875Hz 60Hz (dens=1.0)
pixels:1600x1200 resolution:91x91 32bpp 10bpc 3cpp rowbytes:6400
IOFlags:(Valid,Safe,NotPreset,Television,) flags:(gui usable,hw
safe,tv out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
    { 64: id:0x80003034 1600x900@59.875Hz 60Hz (dens=1.0)

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pixels:1600x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 65: id:0x80003034 1600x900@59.875Hz 60Hz (dens=1.0)
pixels:1600x900 resolution:68x68 32bpp 10bpc 3cpp rowbytes:6400
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB },
    { 66: id:0x80003035 1920x1080@59.875Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 67: id:0x80003035 1920x1080@59.875Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB },
    { 68: id:0x80003036 1920x1200@59.875Hz 60Hz (dens=1.0)
pixels:1920x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 69: id:0x80003036 1920x1200@59.875Hz 60Hz (dens=1.0)
pixels:1920x1200 resolution:91x91 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB },
    { 70: id:0x80003037 2048x1152@59.875Hz 60Hz (dens=1.0)
pixels:2048x1152 resolution:87x87 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 71: id:0x80003037 2048x1152@59.875Hz 60Hz (dens=1.0)
pixels:2048x1152 resolution:87x87 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,Television,) flags:(gui usable,hw safe,tv out,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB },
    { 78: id:0x8000303b 2048x1280@59.875Hz 60Hz (dens=1.0)
pixels:2048x1280 resolution:97x97 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 79: id:0x8000303b 2048x1280@59.875Hz 60Hz (dens=1.0)
pixels:2048x1280 resolution:97x97 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBBB },
    { 80: id:0x8000303c 1650x1050@59.875Hz 60Hz (dens=1.0)
pixels:1650x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:

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(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags: (gui usable, hw safe, tv out, ui suitable,) depthFormat: 4
encoding: -----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 81: id: 0x8000303c 1650x1050@59.875Hz 60Hz (dens=1.0)
pixels: 1650x1050 resolution: 80x80 32bpp 10bpc 3cpp rowbytes: 6656
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags: (gui usable, hw safe, tv out, ui suitable,) depthFormat: 8
encoding: --RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 94: id: 0x80003031 720x450@59.875Hz 60Hz (dens=2.0)
pixels: 1440x900 resolution: 68x68 32bpp 8bpc 3cpp rowbytes: 5760
IOFlags: (Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(gui usable, hw safe, tv out, ui suitable,) depthFormat: 4
encoding: -----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 95: id: 0x80003031 720x450@59.875Hz 60Hz (dens=2.0)
pixels: 1440x900 resolution: 68x68 32bpp 10bpc 3cpp rowbytes: 5760
IOFlags: (Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(gui usable, hw safe, tv out, ui suitable,) depthFormat: 8 encoding: --
RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 96: id: 0x80003032 840x525@59.875Hz 60Hz (dens=2.0)
pixels: 1680x1050 resolution: 80x80 32bpp 8bpc 3cpp rowbytes: 6784
IOFlags: (Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(gui usable, hw safe, tv out, ui suitable,) depthFormat: 4
encoding: -----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 97: id: 0x80003032 840x525@59.875Hz 60Hz (dens=2.0)
pixels: 1680x1050 resolution: 80x80 32bpp 10bpc 3cpp rowbytes: 6784
IOFlags: (Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(gui usable, hw safe, tv out, ui suitable,) depthFormat: 8 encoding: --
RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 102: id: 0x80003035 960x540@59.875Hz 60Hz (dens=2.0)
pixels: 1920x1080 resolution: 82x82 32bpp 8bpc 3cpp rowbytes: 7680
IOFlags: (Valid, Safe, Television, ValidForMirroring, ValidForAirPlay,)
flags: (gui usable, hw safe, tv out, ui suitable,) depthFormat: 4
encoding: -----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 103: id: 0x80003035 960x540@59.875Hz 60Hz (dens=2.0)
pixels: 1920x1080 resolution: 82x82 32bpp 10bpc 3cpp rowbytes: 7680
IOFlags: (Valid, Safe, Television, ValidForMirroring, ValidForAirPlay,)
flags: (gui usable, hw safe, tv out, ui suitable,) depthFormat: 8
encoding: --RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 104: id: 0x80003036 960x600@59.875Hz 60Hz (dens=2.0)
pixels: 1920x1200 resolution: 91x91 32bpp 8bpc 3cpp rowbytes: 7680
IOFlags: (Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(gui usable, hw safe, tv out, ui suitable,) depthFormat: 4
encoding: -----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 105: id: 0x80003036 960x600@59.875Hz 60Hz (dens=2.0)
pixels: 1920x1200 resolution: 91x91 32bpp 10bpc 3cpp rowbytes: 7680
IOFlags: (Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(gui usable, hw safe, tv out, ui suitable,) depthFormat: 8 encoding: --
RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 108: id: 0x80003038 1280x800@59.875Hz 60Hz (dens=2.0)

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pixels:2560x1600 resolution:121x121 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 109: id:0x80003038 1280x800@59.875Hz 60Hz (dens=2.0)
pixels:2560x1600 resolution:121x121 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(gui usable,hw safe,tv out,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGBBBBBBBBBBB },
    { 110: id:0x80003039 1680x1050@59.875Hz 60Hz (dens=2.0)
pixels:3360x2100 resolution:159x159 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 111: id:0x80003039 1680x1050@59.875Hz 60Hz (dens=2.0)
pixels:3360x2100 resolution:159x159 32bpp 10bpc 3cpp rowbytes:13440
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGBBBBBBBBBBB },
    { 112: id:0x8000303a 1440x900@59.875Hz 60Hz (dens=2.0)
pixels:2880x1800 resolution:136x136 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 113: id:0x8000303a 1440x900@59.875Hz 60Hz (dens=2.0)
pixels:2880x1800 resolution:136x136 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGBBBBBBBBBBB },
    { 114: id:0x8000303b 1024x640@59.875Hz 60Hz (dens=2.0)
pixels:2048x1280 resolution:97x97 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBB },
    { 115: id:0x8000303b 1024x640@59.875Hz 60Hz (dens=2.0)
pixels:2048x1280 resolution:97x97 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGBBBBBBBBBBB },
    { 116: id:0x8000303c 825x525@59.875Hz 60Hz (dens=2.0)
pixels:1650x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(gui usable,hw safe,tv out,ui suitable,) depthFormat:4

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encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 117: id:0x8000303c 825x525@59.875Hz 60Hz (dens=2.0)
pixels:1650x1050 resolution:80x80 32bpp 10bpc 3cpp rowbytes:6656
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(gui usable, hw safe, tv out, ui suitable,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    }; // CGDisplayCopyAllDisplayModes
    CGSGetDisplayModeDescriptionOfLength (118 modes) = [
    { 0: id:0x80003000 2560x1440@59.875Hz 59Hz (dens=1.0)
pixels:2560x1440 resolution:109x109 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe, Default, Television,) flags:
(Valid, Safe, Default, Television,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 1: id:0x80003000 2560x1440@59.875Hz 59Hz (dens=1.0)
pixels:2560x1440 resolution:109x109 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe, Default, Television,) flags:
(Valid, Safe, Default, Television,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 2: id:0x80003002 1280x1024@75.000Hz 75Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 3: id:0x80003002 1280x1024@75.000Hz 75Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 4: id:0x80003004 1024x768@75.000Hz 75Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 5: id:0x80003004 1024x768@75.000Hz 75Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 6: id:0x80003006 1024x768@70.000Hz 70Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB
refreshRate.unk0.unk1:00460001.0000.00000001 },
    { 7: id:0x80003006 1024x768@70.000Hz 70Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB

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refreshRate.unk0.unk1:00460001.0000.00000001 },
    { 8: id:0x80003008 1024x768@60.000Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 9: id:0x80003008 1024x768@60.000Hz 60Hz (dens=1.0)
pixels:1024x768 resolution:72x72 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 10: id:0x8000300a 800x600@75.000Hz 75Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(Valid,Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 11: id:0x8000300a 800x600@75.000Hz 75Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 12: id:0x8000300c 800x600@72.125Hz 72Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(Valid,Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00482001.0000.00000001 },
    { 13: id:0x8000300c 800x600@72.125Hz 72Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00482001.0000.00000001 },
    { 14: id:0x8000300e 800x600@60.250Hz 60Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(Valid,Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003c4001.0000.00000001 },
    { 15: id:0x8000300e 800x600@60.250Hz 60Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c4001.0000.00000001 },
    { 16: id:0x80003010 800x600@56.250Hz 56Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,Television,) flags:(Valid,Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00384001.0000.00000001 },
    { 17: id:0x80003010 800x600@56.250Hz 56Hz (dens=1.0)
pixels:800x600 resolution:72x72 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB

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refreshRate.unk0.unk1:00384001.0000.00000001 },
    { 18: id:0x80003012 640x480@75.000Hz 75Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IFlags:
(Valid, Safe, Television,) flags:(Valid, Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 19: id:0x80003012 640x480@75.000Hz 75Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2560
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:004b0001.0000.00000001 },
    { 20: id:0x80003014 640x480@72.750Hz 72Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IFlags:
(Valid, Safe, Television,) flags:(Valid, Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:0048c002.0000.00000001 },
    { 21: id:0x80003014 640x480@72.750Hz 72Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2560
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:0048c002.0000.00000001 },
    { 22: id:0x80003016 640x480@59.875Hz 59Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2560 IFlags:
(Valid, Safe, Television,) flags:(Valid, Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 23: id:0x80003016 640x480@59.875Hz 59Hz (dens=1.0)
pixels:640x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2560
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 24: id:0x80003018 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 25: id:0x80003018 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 26: id:0x8000301a 1280x1024@60.000Hz 60Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 27: id:0x8000301a 1280x1024@60.000Hz 60Hz (dens=1.0)
pixels:1280x1024 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
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refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 28: id:0x8000301c 720x480@59.875Hz 59Hz (dens=1.0)
pixels:720x480 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2944 IOFlags:
(Valid, Safe, Television,) flags:(Valid, Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 29: id:0x8000301c 720x480@59.875Hz 59Hz (dens=1.0)
pixels:720x480 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2944
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 30: id:0x8000301e 720x576@50.000Hz 50Hz (dens=1.0)
pixels:720x576 resolution:72x72 32bpp 8bpc 3cpp rowbytes:2944 IOFlags:
(Valid, Safe, Television,) flags:(Valid, Television,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00320001.0000.00000001 },
    { 31: id:0x8000301e 720x576@50.000Hz 50Hz (dens=1.0)
pixels:720x576 resolution:72x72 32bpp 10bpc 3cpp rowbytes:2944
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00320001.0000.00000001 },
    { 32: id:0x80003020 1280x720@60.000Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 33: id:0x80003020 1280x720@60.000Hz 60Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 34: id:0x80003022 1280x720@120.000Hz 120Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00780001.0000.00000001 },
    { 35: id:0x80003022 1280x720@120.000Hz 120Hz (dens=1.0)
pixels:1280x720 resolution:72x72 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00780001.0000.00000001 },
    { 36: id:0x80003024 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 37: id:0x80003024 1920x1080@60.000Hz 60Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
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refreshRate.unk0.unk1:003c0001.0000.00000001 },
    { 38: id:0x80003026 1920x1080@120.000Hz 120Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00780001.0000.00000001 },
    { 39: id:0x80003026 1920x1080@120.000Hz 120Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00780001.0000.00000001 },
    { 40: id:0x80003027 1920x1080@30.000Hz 30Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:001e0001.0000.00000001 },
    { 41: id:0x80003027 1920x1080@30.000Hz 30Hz (dens=1.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:001e0001.0000.00000001 },
    { 42: id:0x80003029 1920x1080@143.875Hz 143Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:008fe002.0000.00000001 },
    { 43: id:0x80003029 1920x1080@143.875Hz 143Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:008fe002.0000.00000001 },
    { 44: id:0x8000302a 1280x720@59.875Hz 59Hz (dens=1.0)
pixels:1280x720 resolution:55x55 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 45: id:0x8000302a 1280x720@59.875Hz 59Hz (dens=1.0)
pixels:1280x720 resolution:55x55 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 46: id:0x8000302b 800x600@59.875Hz 59Hz (dens=1.0)
pixels:800x600 resolution:46x45 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,NotPreset,Television,) flags:(Valid,NotPreset,Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 47: id:0x8000302b 800x600@59.875Hz 59Hz (dens=1.0)
pixels:800x600 resolution:46x45 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:8 encoding:--

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RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 48: id:0x8000302c 1024x768@59.875Hz 59Hz (dens=1.0)
pixels:1024x768 resolution:58x58 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 49: id:0x8000302c 1024x768@59.875Hz 59Hz (dens=1.0)
pixels:1024x768 resolution:58x58 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 50: id:0x8000302d 1024x576@59.875Hz 59Hz (dens=1.0)
pixels:1024x576 resolution:44x44 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 51: id:0x8000302d 1024x576@59.875Hz 59Hz (dens=1.0)
pixels:1024x576 resolution:44x44 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,Television,) flags:(Valid,Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 52: id:0x8000302e 1280x960@59.875Hz 59Hz (dens=1.0)
pixels:1280x960 resolution:73x73 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 53: id:0x8000302e 1280x960@59.875Hz 59Hz (dens=1.0)
pixels:1280x960 resolution:73x73 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 54: id:0x8000302f 1344x1008@59.875Hz 59Hz (dens=1.0)
pixels:1344x1008 resolution:77x76 32bpp 8bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 55: id:0x8000302f 1344x1008@59.875Hz 59Hz (dens=1.0)
pixels:1344x1008 resolution:77x76 32bpp 10bpc 3cpp rowbytes:5376
IOFlags:(Valid,Safe,NotPreset,Television,) flags:
(Valid,NotPreset,Television,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 56: id:0x80003030 1344x756@59.875Hz 59Hz (dens=1.0)
pixels:1344x756 resolution:57x57 32bpp 8bpc 3cpp rowbytes:5376
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IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 57: id:0x80003030 1344x756@59.875Hz 59Hz (dens=1.0)
pixels:1344x756 resolution:57x57 32bpp 10bpc 3cpp rowbytes:5376
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 58: id:0x80003031 1440x900@59.875Hz 59Hz (dens=1.0)
pixels:1440x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 59: id:0x80003031 1440x900@59.875Hz 59Hz (dens=1.0)
pixels:1440x900 resolution:68x68 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 60: id:0x80003032 1680x1050@59.875Hz 59Hz (dens=1.0)
pixels:1680x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 61: id:0x80003032 1680x1050@59.875Hz 59Hz (dens=1.0)
pixels:1680x1050 resolution:80x80 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 62: id:0x80003033 1600x1200@59.875Hz 59Hz (dens=1.0)
pixels:1600x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Valid, Safe, NotPreset, Television,) flags:
(Valid, NotPreset, Television,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 63: id:0x80003033 1600x1200@59.875Hz 59Hz (dens=1.0)
pixels:1600x1200 resolution:91x91 32bpp 10bpc 3cpp rowbytes:6400
IOFlags:(Valid, Safe, NotPreset, Television,) flags:
(Valid, NotPreset, Television,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 64: id:0x80003034 1600x900@59.875Hz 59Hz (dens=1.0)
pixels:1600x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 65: id:0x80003034 1600x900@59.875Hz 59Hz (dens=1.0)

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pixels:1600x900 resolution:68x68 32bpp 10bpc 3cpp rowbytes:6400
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 66: id:0x80003035 1920x1080@59.875Hz 59Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, Television, ValidForMirroring, ValidForAirPlay,)
flags:(Valid, Television, ValidForMirroring, ValidForAirPlay,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 67: id:0x80003035 1920x1080@59.875Hz 59Hz (dens=1.0)
pixels:1920x1080 resolution:82x82 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, Television, ValidForMirroring, ValidForAirPlay,)
flags:(Valid, Television, ValidForMirroring, ValidForAirPlay,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 68: id:0x80003036 1920x1200@59.875Hz 59Hz (dens=1.0)
pixels:1920x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 69: id:0x80003036 1920x1200@59.875Hz 59Hz (dens=1.0)
pixels:1920x1200 resolution:91x91 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 70: id:0x80003037 2048x1152@59.875Hz 59Hz (dens=1.0)
pixels:2048x1152 resolution:87x87 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 71: id:0x80003037 2048x1152@59.875Hz 59Hz (dens=1.0)
pixels:2048x1152 resolution:87x87 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Valid, Safe, Television,) flags:(Valid, Television,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 72: id:0x80003038 2560x1600@59.875Hz 59Hz (dens=1.0)
pixels:2560x1600 resolution:121x121 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 73: id:0x80003038 2560x1600@59.875Hz 59Hz (dens=1.0)
pixels:2560x1600 resolution:121x121 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe, NotPreset, Television, ValidForMirroring,) flags:
(Valid, NotPreset, Television, ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },

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        { 74: id:0x80003039 3360x2100@59.875Hz 59Hz (dens=1.0)
pixels:3360x2100 resolution:159x159 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 75: id:0x80003039 3360x2100@59.875Hz 59Hz (dens=1.0)
pixels:3360x2100 resolution:159x159 32bpp 10bpc 3cpp rowbytes:13440
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 76: id:0x8000303a 2880x1800@59.875Hz 59Hz (dens=1.0)
pixels:2880x1800 resolution:136x136 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 77: id:0x8000303a 2880x1800@59.875Hz 59Hz (dens=1.0)
pixels:2880x1800 resolution:136x136 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 78: id:0x8000303b 2048x1280@59.875Hz 59Hz (dens=1.0)
pixels:2048x1280 resolution:97x97 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 79: id:0x8000303b 2048x1280@59.875Hz 59Hz (dens=1.0)
pixels:2048x1280 resolution:97x97 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 80: id:0x8000303c 1650x1050@59.875Hz 59Hz (dens=1.0)
pixels:1650x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 81: id:0x8000303c 1650x1050@59.875Hz 59Hz (dens=1.0)

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pixels:1650x1050 resolution:80x80 32bpp 10bpc 3cpp rowbytes:6656
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags:(Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 82: id:0x80003000 1280x720@59.875Hz 59Hz (dens=2.0)
pixels:2560x1440 resolution:109x109 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 83: id:0x80003000 1280x720@59.875Hz 59Hz (dens=2.0)
pixels:2560x1440 resolution:109x109 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
 { 84: id:0x80003018 960x540@60.000Hz 60Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
 { 85: id:0x80003018 960x540@60.000Hz 60Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
 { 86: id:0x80003024 960x540@60.000Hz 60Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
 { 87: id:0x80003024 960x540@60.000Hz 60Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003c0001.0000.00000001 },
 { 88: id:0x80003026 960x540@120.000Hz 120Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00780001.0000.00000001 },
 { 89: id:0x80003026 960x540@120.000Hz 120Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00780001.0000.00000001 },
 { 90: id:0x80003027 960x540@30.000Hz 30Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Safe, Television,) flags:(Television, 18<<28,) depthFormat:4
encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBBBB

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refreshRate.unk0.unk1:001e0001.0000.00000001 },
    { 91: id:0x80003027 960x540@30.000Hz 30Hz (dens=2.0)
pixels:1920x1080 resolution:72x72 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Safe,Television,) flags:(Television,¿8<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:001e0001.0000.00000001 },
    { 92: id:0x80003029 960x540@143.875Hz 143Hz (dens=2.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Safe,Television,) flags:(Television,¿8<<28,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:008fe002.0000.00000001 },
    { 93: id:0x80003029 960x540@143.875Hz 143Hz (dens=2.0)
pixels:1920x1080 resolution:82x82 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Safe,Television,) flags:(Television,¿8<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:008fe002.0000.00000001 },
    { 94: id:0x80003031 720x450@59.875Hz 59Hz (dens=2.0)
pixels:1440x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 95: id:0x80003031 720x450@59.875Hz 59Hz (dens=2.0)
pixels:1440x900 resolution:68x68 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 96: id:0x80003032 840x525@59.875Hz 59Hz (dens=2.0)
pixels:1680x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 97: id:0x80003032 840x525@59.875Hz 59Hz (dens=2.0)
pixels:1680x1050 resolution:80x80 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 98: id:0x80003033 800x600@59.875Hz 59Hz (dens=2.0)
pixels:1600x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Safe,NotPreset,Television,) flags:(NotPreset,Television,
¿8<<28,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
    { 99: id:0x80003033 800x600@59.875Hz 59Hz (dens=2.0)
pixels:1600x1200 resolution:91x91 32bpp 10bpc 3cpp rowbytes:6400
IOFlags:(Safe,NotPreset,Television,) flags:(NotPreset,Television,
¿8<<28,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
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        { 100: id:0x80003034 800x450@59.875Hz 59Hz (dens=2.0)
pixels:1600x900 resolution:68x68 32bpp 8bpc 3cpp rowbytes:6400
IOFlags:(Safe,Television,) flags:(Television,18<<28,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 101: id:0x80003034 800x450@59.875Hz 59Hz (dens=2.0)
pixels:1600x900 resolution:68x68 32bpp 10bpc 3cpp rowbytes:6400
IOFlags:(Safe,Television,) flags:(Television,18<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 102: id:0x80003035 960x540@59.875Hz 59Hz (dens=2.0)
pixels:1920x1080 resolution:82x82 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,)
flags:(Valid,Television,ValidForMirroring,ValidForAirPlay,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 103: id:0x80003035 960x540@59.875Hz 59Hz (dens=2.0)
pixels:1920x1080 resolution:82x82 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,Television,ValidForMirroring,ValidForAirPlay,)
flags:(Valid,Television,ValidForMirroring,ValidForAirPlay,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 104: id:0x80003036 960x600@59.875Hz 59Hz (dens=2.0)
pixels:1920x1200 resolution:91x91 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 105: id:0x80003036 960x600@59.875Hz 59Hz (dens=2.0)
pixels:1920x1200 resolution:91x91 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 106: id:0x80003037 1024x576@59.875Hz 59Hz (dens=2.0)
pixels:2048x1152 resolution:87x87 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Safe,Television,) flags:(Television,18<<28,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 107: id:0x80003037 1024x576@59.875Hz 59Hz (dens=2.0)
pixels:2048x1152 resolution:87x87 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Safe,Television,) flags:(Television,18<<28,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 108: id:0x80003038 1280x800@59.875Hz 59Hz (dens=2.0)
pixels:2560x1600 resolution:121x121 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },

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        { 109: id:0x80003038 1280x800@59.875Hz 59Hz (dens=2.0)
pixels:2560x1600 resolution:121x121 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,Television,ValidForMirroring,) flags:
(Valid,NotPreset,Television,ValidForMirroring,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 110: id:0x80003039 1680x1050@59.875Hz 59Hz (dens=2.0)
pixels:3360x2100 resolution:159x159 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(Valid,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 111: id:0x80003039 1680x1050@59.875Hz 59Hz (dens=2.0)
pixels:3360x2100 resolution:159x159 32bpp 10bpc 3cpp rowbytes:13440
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(Valid,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 112: id:0x8000303a 1440x900@59.875Hz 59Hz (dens=2.0)
pixels:2880x1800 resolution:136x136 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(Valid,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 113: id:0x8000303a 1440x900@59.875Hz 59Hz (dens=2.0)
pixels:2880x1800 resolution:136x136 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(Valid,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 114: id:0x8000303b 1024x640@59.875Hz 59Hz (dens=2.0)
pixels:2048x1280 resolution:97x97 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(Valid,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 115: id:0x8000303b 1024x640@59.875Hz 59Hz (dens=2.0)
pixels:2048x1280 resolution:97x97 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:
(Valid,Safe,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
flags:(Valid,NotPreset,Television,ValidForMirroring,ValidForHiRes,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:003be002.0000.00000001 },
        { 116: id:0x8000303c 825x525@59.875Hz 59Hz (dens=2.0)
pixels:1650x1050 resolution:80x80 32bpp 8bpc 3cpp rowbytes:6656
```

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IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags: (Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat: 4 encoding: -----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1: 003be002.0000.00000001 },
    { 117: id: 0x8000303c 825x525@59.875Hz 59Hz (dens=2.0)
pixels: 1650x1050 resolution: 80x80 32bpp 10bpc 3cpp rowbytes: 6656
IOFlags:
(Valid, Safe, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
flags: (Valid, NotPreset, Television, ValidForMirroring, ValidForHiRes,)
depthFormat: 8 encoding: --RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1: 003be002.0000.00000001 },
    ]; // CGSGetDisplayModeDescriptionOfLength
], // Monitor[0]
Monitor[1] = [
    CGDisplayAvailableModes (deprecated) (26 modes) = [
        { 1: id: 0x80003000 1280x800@0.000Hz 0Hz (dens=2.0)
pixels: 2560x1600 resolution: 227x227 32bpp 8bpc 3cpp rowbytes: 10240
IOFlags: (Valid, Safe,) flags: (gui usable, hw safe, 0, 0, 0, 0, 0,)
depthFormat: 0 encoding: 0 },
        { 3: id: 0x80003002 1680x1050@0.000Hz 0Hz (dens=2.0)
pixels: 3360x2100 resolution: 298x298 32bpp 8bpc 3cpp rowbytes: 13440
IOFlags: (Valid, Safe,) flags: (gui usable, hw safe, 0, 0, 0, 0, 0,)
depthFormat: 0 encoding: 0 },
        { 5: id: 0x80003003 1440x900@0.000Hz 0Hz (dens=2.0)
pixels: 2880x1800 resolution: 256x255 32bpp 8bpc 3cpp rowbytes: 11520
IOFlags: (Valid, Safe, Default,) flags: (gui usable, hw safe, 0, 0, 0, 0, 0,)
depthFormat: 0 encoding: 0 },
        { 7: id: 0x80003004 1024x640@0.000Hz 0Hz (dens=2.0)
pixels: 2048x1280 resolution: 182x182 32bpp 8bpc 3cpp rowbytes: 8192
IOFlags: (Valid, Safe,) flags: (gui usable, hw safe, 0, 0, 0, 0, 0,)
depthFormat: 0 encoding: 0 },
        { 9: id: 0x80003005 1280x720@0.000Hz 0Hz (dens=2.0)
pixels: 2560x1440 resolution: 227x229 32bpp 8bpc 3cpp rowbytes: 10240
IOFlags: (Valid, Safe, NotPreset, ValidForMirroring,) flags: (gui usable, hw
safe, 0, 0, 0, 0, 0,) depthFormat: 0 encoding: 0 },
        { 11: id: 0x80003006 960x600@0.000Hz 0Hz (dens=2.0)
pixels: 1920x1200 resolution: 171x170 32bpp 8bpc 3cpp rowbytes: 7680
IOFlags: (Valid, Safe, ValidForMirroring,) flags: (gui usable, hw
safe, 0, 0, 0, 0, 0,) depthFormat: 0 encoding: 0 },
        { 13: id: 0x80003007 960x540@0.000Hz 0Hz (dens=2.0)
pixels: 1920x1080 resolution: 171x171 32bpp 8bpc 3cpp rowbytes: 7680
IOFlags: (Valid, Safe, NotPreset, ValidForMirroring,) flags: (gui usable, hw
safe, 0, 0, 0, 0, 0,) depthFormat: 0 encoding: 0 },
        { 15: id: 0x80003009 825x525@0.000Hz 0Hz (dens=2.0)
pixels: 1650x1050 resolution: 147x149 32bpp 8bpc 3cpp rowbytes: 6656
IOFlags: (Valid, Safe,) flags: (gui usable, hw safe, 0, 0, 0, 0, 0,)
depthFormat: 0 encoding: 0 },
        { 17: id: 0x8000300a 720x450@0.000Hz 0Hz (dens=2.0)
pixels: 1440x900 resolution: 128x128 32bpp 8bpc 3cpp rowbytes: 5760

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IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 19: id:0x80003010 840x525@0.000Hz 0Hz (dens=2.0)
pixels:1680x1050 resolution:149x149 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid, Safe, ValidForMirroring,) flags:(gui usable, hw
safe, 0, 0, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
    { 21: id:0x80003000 2560x1600@0.000Hz 0Hz (dens=1.0)
pixels:2560x1600 resolution:227x227 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 23: id:0x80003001 1280x800@0.000Hz 0Hz (dens=1.0)
pixels:1280x800 resolution:114x114 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 27: id:0x80003003 2880x1800@0.000Hz 0Hz (dens=1.0)
pixels:2880x1800 resolution:256x255 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 29: id:0x80003004 2048x1280@0.000Hz 0Hz (dens=1.0)
pixels:2048x1280 resolution:182x182 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 31: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0)
pixels:2560x1440 resolution:227x229 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid, Safe, NotPreset, ValidForMirroring,) flags:(gui usable, hw
safe, 0, 0, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
    { 33: id:0x80003006 1920x1200@0.000Hz 0Hz (dens=1.0)
pixels:1920x1200 resolution:171x170 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, ValidForMirroring,) flags:(gui usable, hw
safe, 0, 0, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
    { 35: id:0x80003007 1920x1080@0.000Hz 0Hz (dens=1.0)
pixels:1920x1080 resolution:171x171 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid, Safe, NotPreset, ValidForMirroring,) flags:(gui usable, hw
safe, 0, 0, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
    { 37: id:0x80003008 1280x720@0.000Hz 0Hz (dens=1.0)
pixels:1280x720 resolution:114x114 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid, Safe, NotPreset, ValidForMirroring,) flags:(gui usable, hw
safe, 0, 0, 0, 0, 0, 0,) depthFormat:0 encoding:0 },
    { 39: id:0x80003009 1650x1050@0.000Hz 0Hz (dens=1.0)
pixels:1650x1050 resolution:147x149 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 41: id:0x8000300a 1440x900@0.000Hz 0Hz (dens=1.0)
pixels:1440x900 resolution:128x128 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },
    { 43: id:0x8000300b 1152x720@0.000Hz 0Hz (dens=1.0)
pixels:1152x720 resolution:102x102 32bpp 8bpc 3cpp rowbytes:4608
IOFlags:(Valid, Safe,) flags:(gui usable, hw safe, 0, 0, 0, 0, 0, 0,)
depthFormat:0 encoding:0 },

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        { 45: id:0x8000300c 1024x768@0.000Hz 0Hz (dens=1.0)
pixels:1024x768 resolution:109x109 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,) flags:(gui usable,hw safe,0,0,0,0,0,)
depthFormat:0 encoding:0 },
        { 47: id:0x8000300d 840x524@0.000Hz 0Hz (dens=1.0)
pixels:840x524 resolution:75x74 32bpp 8bpc 3cpp rowbytes:3456 IOFlags:
(Valid,Safe,) flags:(hw safe,0,0,0,0,0,) depthFormat:0 encoding:0 },
        { 49: id:0x8000300e 800x600@0.000Hz 0Hz (dens=1.0)
pixels:800x600 resolution:85x85 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,NotPreset,) flags:(gui usable,hw safe,0,0,0,0,0,)
depthFormat:0 encoding:0 },
        { 51: id:0x8000300f 640x480@0.000Hz 0Hz (dens=1.0)
pixels:640x480 resolution:68x68 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
(Valid,Safe,NotPreset,) flags:(hw safe,0,0,0,0,0,) depthFormat:0
encoding:0 },
        { 53: id:0x80003010 1680x1050@0.000Hz 0Hz (dens=1.0)
pixels:1680x1050 resolution:149x149 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw
safe,0,0,0,0,0,) depthFormat:0 encoding:0 },
    ]; // CGDisplayAvailableModes
    CGDisplayCopyAllDisplayModes (52 modes) = [
        { 0: id:0x80003000 1280x800@0.000Hz 0Hz (dens=2.0)
pixels:2560x1600 resolution:227x227 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB },
        { 1: id:0x80003000 1280x800@0.000Hz 0Hz (dens=2.0)
pixels:2560x1600 resolution:227x227 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
        { 2: id:0x80003002 1680x1050@0.000Hz 0Hz (dens=2.0)
pixels:3360x2100 resolution:298x298 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB },
        { 3: id:0x80003002 1680x1050@0.000Hz 0Hz (dens=2.0)
pixels:3360x2100 resolution:298x298 32bpp 10bpc 3cpp rowbytes:13440
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
        { 4: id:0x80003003 1440x900@0.000Hz 0Hz (dens=2.0)
pixels:2880x1800 resolution:256x255 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,Default,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB },
        { 5: id:0x80003003 1440x900@0.000Hz 0Hz (dens=2.0)
pixels:2880x1800 resolution:256x255 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,Default,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB },
        { 6: id:0x80003004 1024x640@0.000Hz 0Hz (dens=2.0)
pixels:2048x1280 resolution:182x182 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB },
        { 7: id:0x80003004 1024x640@0.000Hz 0Hz (dens=2.0)

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pixels:2048x1280 resolution:182x182 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 8: id:0x80003005 1280x720@0.000Hz 0Hz (dens=2.0)
pixels:2560x1440 resolution:227x229 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGBBBBBBBB },
    { 9: id:0x80003005 1280x720@0.000Hz 0Hz (dens=2.0)
pixels:2560x1440 resolution:227x229 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 10: id:0x80003006 960x600@0.000Hz 0Hz (dens=2.0)
pixels:1920x1200 resolution:171x170 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBB },
    { 11: id:0x80003006 960x600@0.000Hz 0Hz (dens=2.0)
pixels:1920x1200 resolution:171x170 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 12: id:0x80003007 960x540@0.000Hz 0Hz (dens=2.0)
pixels:1920x1080 resolution:171x171 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRRRGGGGGGGGGBBBBBBBB },
    { 13: id:0x80003007 960x540@0.000Hz 0Hz (dens=2.0)
pixels:1920x1080 resolution:171x171 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 14: id:0x80003009 825x525@0.000Hz 0Hz (dens=2.0)
pixels:1650x1050 resolution:147x149 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBB },
    { 15: id:0x80003009 825x525@0.000Hz 0Hz (dens=2.0)
pixels:1650x1050 resolution:147x149 32bpp 10bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 16: id:0x8000300a 720x450@0.000Hz 0Hz (dens=2.0)
pixels:1440x900 resolution:128x128 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRRRGGGGGGGGGBBBBBBBB },
    { 17: id:0x8000300a 720x450@0.000Hz 0Hz (dens=2.0)
pixels:1440x900 resolution:128x128 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGBBBBBBBBBB },
    { 18: id:0x80003010 840x525@0.000Hz 0Hz (dens=2.0)
pixels:1680x1050 resolution:149x149 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui

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suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 19: id:0x80003010 840x525@0.000Hz 0Hz (dens=2.0)
pixels:1680x1050 resolution:149x149 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 20: id:0x80003000 2560x1600@0.000Hz 0Hz (dens=1.0)
pixels:2560x1600 resolution:227x227 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 21: id:0x80003000 2560x1600@0.000Hz 0Hz (dens=1.0)
pixels:2560x1600 resolution:227x227 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 22: id:0x80003001 1280x800@0.000Hz 0Hz (dens=1.0)
pixels:1280x800 resolution:114x114 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 23: id:0x80003001 1280x800@0.000Hz 0Hz (dens=1.0)
pixels:1280x800 resolution:114x114 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 26: id:0x80003003 2880x1800@0.000Hz 0Hz (dens=1.0)
pixels:2880x1800 resolution:256x255 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 27: id:0x80003003 2880x1800@0.000Hz 0Hz (dens=1.0)
pixels:2880x1800 resolution:256x255 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 28: id:0x80003004 2048x1280@0.000Hz 0Hz (dens=1.0)
pixels:2048x1280 resolution:182x182 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 29: id:0x80003004 2048x1280@0.000Hz 0Hz (dens=1.0)
pixels:2048x1280 resolution:182x182 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 30: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0)
pixels:2560x1440 resolution:227x229 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 31: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0)
pixels:2560x1440 resolution:227x229 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 32: id:0x80003006 1920x1200@0.000Hz 0Hz (dens=1.0)
pixels:1920x1200 resolution:171x170 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui

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suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 33: id:0x80003006 1920x1200@0.000Hz 0Hz (dens=1.0)
pixels:1920x1200 resolution:171x170 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 34: id:0x80003007 1920x1080@0.000Hz 0Hz (dens=1.0)
pixels:1920x1080 resolution:171x171 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 35: id:0x80003007 1920x1080@0.000Hz 0Hz (dens=1.0)
pixels:1920x1080 resolution:171x171 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 36: id:0x80003008 1280x720@0.000Hz 0Hz (dens=1.0)
pixels:1280x720 resolution:114x114 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 37: id:0x80003008 1280x720@0.000Hz 0Hz (dens=1.0)
pixels:1280x720 resolution:114x114 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:(gui usable,hw
safe,ui suitable,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 38: id:0x80003009 1650x1050@0.000Hz 0Hz (dens=1.0)
pixels:1650x1050 resolution:147x149 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 39: id:0x80003009 1650x1050@0.000Hz 0Hz (dens=1.0)
pixels:1650x1050 resolution:147x149 32bpp 10bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 40: id:0x8000300a 1440x900@0.000Hz 0Hz (dens=1.0)
pixels:1440x900 resolution:128x128 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 41: id:0x8000300a 1440x900@0.000Hz 0Hz (dens=1.0)
pixels:1440x900 resolution:128x128 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 42: id:0x8000300b 1152x720@0.000Hz 0Hz (dens=1.0)
pixels:1152x720 resolution:102x102 32bpp 8bpc 3cpp rowbytes:4608
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 43: id:0x8000300b 1152x720@0.000Hz 0Hz (dens=1.0)
pixels:1152x720 resolution:102x102 32bpp 10bpc 3cpp rowbytes:4608
IOFlags:(Valid,Safe,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBBB },
    { 44: id:0x8000300c 1024x768@0.000Hz 0Hz (dens=1.0)

```

```

pixels:1024x768 resolution:109x109 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBB },
    { 45: id:0x8000300c 1024x768@0.000Hz 0Hz (dens=1.0)
pixels:1024x768 resolution:109x109 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 46: id:0x8000300d 840x524@0.000Hz 0Hz (dens=1.0)
pixels:840x524 resolution:75x74 32bpp 8bpc 3cpp rowbytes:3456 IOFlags:
(Valid,Safe,) flags:(hw safe,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 47: id:0x8000300d 840x524@0.000Hz 0Hz (dens=1.0)
pixels:840x524 resolution:75x74 32bpp 10bpc 3cpp rowbytes:3456
IOFlags:(Valid,Safe,) flags:(hw safe,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 48: id:0x8000300e 800x600@0.000Hz 0Hz (dens=1.0)
pixels:800x600 resolution:85x85 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,NotPreset,) flags:(gui usable,hw safe,ui suitable,)
depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 49: id:0x8000300e 800x600@0.000Hz 0Hz (dens=1.0)
pixels:800x600 resolution:85x85 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,NotPreset,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 50: id:0x8000300f 640x480@0.000Hz 0Hz (dens=1.0)
pixels:640x480 resolution:68x68 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
(Valid,Safe,NotPreset,) flags:(hw safe,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 51: id:0x8000300f 640x480@0.000Hz 0Hz (dens=1.0)
pixels:640x480 resolution:68x68 32bpp 10bpc 3cpp rowbytes:2560
IOFlags:(Valid,Safe,NotPreset,) flags:(hw safe,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 52: id:0x80003010 1680x1050@0.000Hz 0Hz (dens=1.0)
pixels:1680x1050 resolution:149x149 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:4 encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBBB },
    { 53: id:0x80003010 1680x1050@0.000Hz 0Hz (dens=1.0)
pixels:1680x1050 resolution:149x149 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:(gui usable,hw safe,ui
suitable,) depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBB },
    ]; // CGDisplayCopyAllDisplayModes
    CGSGetDisplayModeDescriptionOfLength (54 modes) = [
        { 0: id:0x80003000 1280x800@0.000Hz 0Hz (dens=2.0)
pixels:2560x1600 resolution:227x227 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
        { 1: id:0x80003000 1280x800@0.000Hz 0Hz (dens=2.0)
pixels:2560x1600 resolution:227x227 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBB

```

```

refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 2: id:0x80003002 1680x1050@0.000Hz 0Hz (dens=2.0)
pixels:3360x2100 resolution:298x298 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 3: id:0x80003002 1680x1050@0.000Hz 0Hz (dens=2.0)
pixels:3360x2100 resolution:298x298 32bpp 10bpc 3cpp rowbytes:13440
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 4: id:0x80003003 1440x900@0.000Hz 0Hz (dens=2.0)
pixels:2880x1800 resolution:256x255 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,Default,) flags:(Valid,Safe,Default,)
depthFormat:4 encoding:-----RRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 5: id:0x80003003 1440x900@0.000Hz 0Hz (dens=2.0)
pixels:2880x1800 resolution:256x255 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,Default,) flags:(Valid,Safe,Default,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 6: id:0x80003004 1024x640@0.000Hz 0Hz (dens=2.0)
pixels:2048x1280 resolution:182x182 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 7: id:0x80003004 1024x640@0.000Hz 0Hz (dens=2.0)
pixels:2048x1280 resolution:182x182 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 8: id:0x80003005 1280x720@0.000Hz 0Hz (dens=2.0)
pixels:2560x1440 resolution:227x229 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 9: id:0x80003005 1280x720@0.000Hz 0Hz (dens=2.0)
pixels:2560x1440 resolution:227x229 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 10: id:0x80003006 960x600@0.000Hz 0Hz (dens=2.0)
pixels:1920x1200 resolution:171x170 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 11: id:0x80003006 960x600@0.000Hz 0Hz (dens=2.0)

```

```
pixels:1920x1200 resolution:171x170 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 12: id:0x80003007 960x540@0.000Hz 0Hz (dens=2.0)
pixels:1920x1080 resolution:171x171 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 13: id:0x80003007 960x540@0.000Hz 0Hz (dens=2.0)
pixels:1920x1080 resolution:171x171 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 14: id:0x80003009 825x525@0.000Hz 0Hz (dens=2.0)
pixels:1650x1050 resolution:147x149 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 15: id:0x80003009 825x525@0.000Hz 0Hz (dens=2.0)
pixels:1650x1050 resolution:147x149 32bpp 10bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 16: id:0x8000300a 720x450@0.000Hz 0Hz (dens=2.0)
pixels:1440x900 resolution:128x128 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 17: id:0x8000300a 720x450@0.000Hz 0Hz (dens=2.0)
pixels:1440x900 resolution:128x128 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 18: id:0x80003010 840x525@0.000Hz 0Hz (dens=2.0)
pixels:1680x1050 resolution:149x149 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 19: id:0x80003010 840x525@0.000Hz 0Hz (dens=2.0)
pixels:1680x1050 resolution:149x149 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 20: id:0x80003000 2560x1600@0.000Hz 0Hz (dens=1.0)
```

```
pixels:2560x1600 resolution:227x227 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 21: id:0x80003000 2560x1600@0.000Hz 0Hz (dens=1.0)
pixels:2560x1600 resolution:227x227 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 22: id:0x80003001 1280x800@0.000Hz 0Hz (dens=1.0)
pixels:1280x800 resolution:114x114 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 23: id:0x80003001 1280x800@0.000Hz 0Hz (dens=1.0)
pixels:1280x800 resolution:114x114 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 24: id:0x80003002 3360x2100@0.000Hz 0Hz (dens=1.0)
pixels:3360x2100 resolution:298x298 32bpp 8bpc 3cpp rowbytes:13440
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 25: id:0x80003002 3360x2100@0.000Hz 0Hz (dens=1.0)
pixels:3360x2100 resolution:298x298 32bpp 10bpc 3cpp rowbytes:13440
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 26: id:0x80003003 2880x1800@0.000Hz 0Hz (dens=1.0)
pixels:2880x1800 resolution:256x255 32bpp 8bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 27: id:0x80003003 2880x1800@0.000Hz 0Hz (dens=1.0)
pixels:2880x1800 resolution:256x255 32bpp 10bpc 3cpp rowbytes:11520
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 28: id:0x80003004 2048x1280@0.000Hz 0Hz (dens=1.0)
pixels:2048x1280 resolution:182x182 32bpp 8bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 29: id:0x80003004 2048x1280@0.000Hz 0Hz (dens=1.0)
pixels:2048x1280 resolution:182x182 32bpp 10bpc 3cpp rowbytes:8192
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 30: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0)
```

```
pixels:2560x1440 resolution:227x229 32bpp 8bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 31: id:0x80003005 2560x1440@0.000Hz 0Hz (dens=1.0)
pixels:2560x1440 resolution:227x229 32bpp 10bpc 3cpp rowbytes:10240
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 32: id:0x80003006 1920x1200@0.000Hz 0Hz (dens=1.0)
pixels:1920x1200 resolution:171x170 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 33: id:0x80003006 1920x1200@0.000Hz 0Hz (dens=1.0)
pixels:1920x1200 resolution:171x170 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 34: id:0x80003007 1920x1080@0.000Hz 0Hz (dens=1.0)
pixels:1920x1080 resolution:171x171 32bpp 8bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 35: id:0x80003007 1920x1080@0.000Hz 0Hz (dens=1.0)
pixels:1920x1080 resolution:171x171 32bpp 10bpc 3cpp rowbytes:7680
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 36: id:0x80003008 1280x720@0.000Hz 0Hz (dens=1.0)
pixels:1280x720 resolution:114x114 32bpp 8bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 37: id:0x80003008 1280x720@0.000Hz 0Hz (dens=1.0)
pixels:1280x720 resolution:114x114 32bpp 10bpc 3cpp rowbytes:5120
IOFlags:(Valid,Safe,NotPreset,ValidForMirroring,) flags:
(Valid,NotPreset,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 38: id:0x80003009 1650x1050@0.000Hz 0Hz (dens=1.0)
pixels:1650x1050 resolution:147x149 32bpp 8bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
```

```

RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 39: id:0x80003009 1650x1050@0.000Hz 0Hz (dens=1.0)
pixels:1650x1050 resolution:147x149 32bpp 10bpc 3cpp rowbytes:6656
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 40: id:0x8000300a 1440x900@0.000Hz 0Hz (dens=1.0)
pixels:1440x900 resolution:128x128 32bpp 8bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 41: id:0x8000300a 1440x900@0.000Hz 0Hz (dens=1.0)
pixels:1440x900 resolution:128x128 32bpp 10bpc 3cpp rowbytes:5760
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 42: id:0x8000300b 1152x720@0.000Hz 0Hz (dens=1.0)
pixels:1152x720 resolution:102x102 32bpp 8bpc 3cpp rowbytes:4608
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 43: id:0x8000300b 1152x720@0.000Hz 0Hz (dens=1.0)
pixels:1152x720 resolution:102x102 32bpp 10bpc 3cpp rowbytes:4608
IOFlags:(Valid,Safe,) flags:(Valid,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 44: id:0x8000300c 1024x768@0.000Hz 0Hz (dens=1.0)
pixels:1024x768 resolution:109x109 32bpp 8bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,) flags:(Valid,NotPreset,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 45: id:0x8000300c 1024x768@0.000Hz 0Hz (dens=1.0)
pixels:1024x768 resolution:109x109 32bpp 10bpc 3cpp rowbytes:4096
IOFlags:(Valid,Safe,NotPreset,) flags:(Valid,NotPreset,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 46: id:0x8000300d 840x524@0.000Hz 0Hz (dens=1.0)
pixels:840x524 resolution:75x74 32bpp 8bpc 3cpp rowbytes:3456 IOFlags:
(Valid,Safe,) flags:(i6<<28,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 47: id:0x8000300d 840x524@0.000Hz 0Hz (dens=1.0)
pixels:840x524 resolution:75x74 32bpp 10bpc 3cpp rowbytes:3456
IOFlags:(Valid,Safe,) flags:(i6<<28,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 48: id:0x8000300e 800x600@0.000Hz 0Hz (dens=1.0)
pixels:800x600 resolution:85x85 32bpp 8bpc 3cpp rowbytes:3200 IOFlags:
(Valid,Safe,NotPreset,) flags:(Valid,NotPreset,) depthFormat:4

```

```

encoding:-----RRRRRRRRGGGGGGGGBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 49: id:0x8000300e 800x600@0.000Hz 0Hz (dens=1.0)
pixels:800x600 resolution:85x85 32bpp 10bpc 3cpp rowbytes:3200
IOFlags:(Valid,Safe,NotPreset,) flags:(Valid,NotPreset,) depthFormat:8
encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 50: id:0x8000300f 640x480@0.000Hz 0Hz (dens=1.0)
pixels:640x480 resolution:68x68 32bpp 8bpc 3cpp rowbytes:2560 IOFlags:
(Valid,Safe,NotPreset,) flags:(NotPreset,i6<<28,) depthFormat:4
encoding:-----RRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 51: id:0x8000300f 640x480@0.000Hz 0Hz (dens=1.0)
pixels:640x480 resolution:68x68 32bpp 10bpc 3cpp rowbytes:2560
IOFlags:(Valid,Safe,NotPreset,) flags:(NotPreset,i6<<28,)
depthFormat:8 encoding:--RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 52: id:0x80003010 1680x1050@0.000Hz 0Hz (dens=1.0)
pixels:1680x1050 resolution:149x149 32bpp 8bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:4 encoding:-----
RRRRRRRRGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    { 53: id:0x80003010 1680x1050@0.000Hz 0Hz (dens=1.0)
pixels:1680x1050 resolution:149x149 32bpp 10bpc 3cpp rowbytes:6784
IOFlags:(Valid,Safe,ValidForMirroring,) flags:
(Valid,ValidForMirroring,) depthFormat:8 encoding:--
RRRRRRRRRRGGGGGGGGGGBBBBBBBBBB
refreshRate.unk0.unk1:00000000.0000.00000001 },
    ]; // CGSGetDisplayModeDescriptionOfLength
    ], // Monitor[1]
]; // ALL MODES
logout

```

```

Saving session...
...copying shared history...
...saving history...truncating history files...
...completed.

```

[Process completed]