

panic(cpu 0 caller 0xfffff7f8ec17983): GPU Panic: mux-reg 10 3 7f 1f 0 0 severity 3
WS-ready 1 switch-state 0 IG FBs 1 EG FBs 0:0 power-state 4 3D busy HDA idle
system-state 1 power-level 20:20 power-retry 0:0 connect-change 0 : PowerPlay Failed
Resume.

Backtrace (CPU 0), Frame : Return Address

0xfffff922ee237f0 : 0xfffff800a91f5cd
0xfffff922ee23840 : 0xfffff800aa58b05
0xfffff922ee23880 : 0xfffff800aa4a68e
0xfffff922ee238d0 : 0xfffff800a8c5a40
0xfffff922ee238f0 : 0xfffff800a91ec97
0xfffff922ee239f0 : 0xfffff800a91f087
0xfffff922ee23a40 : 0xfffff800b0c27cc
0xfffff922ee23ab0 : 0xfffff7f8ec17983
0xfffff922ee23b10 : 0xfffff7f8eca937b
0xfffff922ee23d90 : 0xfffff7f8ec754d4
0xfffff922ee23dc0 : 0xfffff7f8eca8cf8
0xfffff922ee23df0 : 0xfffff7f8ec90b3f
0xfffff922ee23e10 : 0xfffff7f8ec90a65
0xfffff922ee23e30 : 0xfffff7f8ec90921
0xfffff922ee23e60 : 0xfffff7f8e5c167f
0xfffff922ee23ee0 : 0xfffff800b02e60d
0xfffff922ee23f30 : 0xfffff800b02cede
0xfffff922ee23f70 : 0xfffff800b02c4d6
0xfffff922ee23fa0 : 0xfffff800a8c513e

Kernel Extensions in backtrace:

com.apple.iokit.IOGraphicsFamily(576.1)[B1C0006F-E1F5-37D9-9548-5F918E92B422]@0xfffff7f8e5b8000->0xfffff7f8e608fff
dependency: com.apple.iokit.IOPCIFamily(2.9)[BE052F4D-9B80-3FCD-B36D-BACB7DEE0DF2]@0xfffff7f8b312000
com.apple.driver.AppleMuxControl2(5.2.4)[39BDDE23-D669-3AF6-ADA4-202A2A1F28A3]@0xfffff7f8ec08000->0xfffff7f8ec1cfff
dependency: com.apple.driver.AppleGraphicsControl(5.2.4)
[9BD821A9-6DDD-37FF-A5E1-EFB8A77A0AD3]@0xfffff7f8ec05000
dependency: com.apple.iokit.IOACPIFamily(1.4)
[0A7D7382-66FE-391B-9F93-97A996256C25]@0xfffff7f8b309000
dependency: com.apple.iokit.IOPCIFamily(2.9)[BE052F4D-9B80-3FCD-B36D-BACB7DEE0DF2]@0xfffff7f8b312000
dependency: com.apple.iokit.IOGraphicsFamily(576.1)[B1C0006F-E1F5-37D9-9548-5F918E92B422]@0xfffff7f8e5b8000
dependency: com.apple.AppleGraphicsDeviceControl(5.2.4)
[CD6E2942-2A23-3CE8-9BCA-D5A772667EB8]@0xfffff7f8e6ec000
com.apple.kext.AMDRadeonX6000Framebuffer(3.0.9)

[E9880F7F-25D3-340E-9F59-0FB58854EF20]@0xfffff7f8ec68000->0xfffff7f8f099fff
dependency: com.apple.iokit.IOACPIFamily(1.4)
[0A7D7382-66FE-391B-9F93-97A996256C25]@0xfffff7f8b309000
dependency: com.apple.iokit.IOPCIFamily(2.9)[BE052F4D-9B80-3FCD-B36D-
BACB7DEE0DF2]@0xfffff7f8b312000
dependency: com.apple.iokit.IOGraphicsFamily(576.1)[B1C0006F-
E1F5-37D9-9548-5F918E92B422]@0xfffff7f8e5b8000
dependency: com.apple.AppleGraphicsDeviceControl(5.2.4)
[CD6E2942-2A23-3CE8-9BCA-D5A772667EB8]@0xfffff7f8e6ec000

BSD process name corresponding to current thread: kernel_task
Boot args: chunklist-security-epoch=0 -chunklist-no-rev2-dev

Mac OS version:
19F101

Kernel version:
Darwin Kernel Version 19.5.0: Tue May 26 20:41:44 PDT 2020; root:xnu-6153.121.2~2/
RELEASE_X86_64
Kernel UID: 54F1A78D-6F41-32BD-BFED-4381F9F6E2EF
Kernel slide: 0x000000000a600000
Kernel text base: 0xfffff800a800000
__HIB text base: 0xfffff800a700000
System model name: MacBookPro16,1 (Mac-E1008331FDC96864)
System shutdown begun: NO

System uptime in nanoseconds: 136512057263
last loaded kext at 26999470159: >DiskImages.ReadWriteDiskImage 493.0.0 (addr
0xfffff7f8e2f3000, size 12288)
loaded kexts:
>DiskImages.ReadWriteDiskImage 493.0.0
>DiskImages.SparseDiskImage493.0.0
>DiskImages.CryptoEncoding 493.0.0
>DiskImages.UDIFDiskImage 493.0.0
>DiskImages.HTTPBackingStore 493.0.0
>DiskImages.FileBackingStore 493.0.0
>DiskImages.RAMBackingStore 493.0.0
@kext.AMDRadeonX6000 3.0.9
@kext.AMDRadeonServiceManager 3.0.9
>!AGraphicsDevicePolicy 5.2.4
@AGDCPluginDisplayMetrics 5.2.4
>!AHV 1
|IOUserEthernet 1.0.1
|IO!BSerialManager 7.0.5f6

>!AUpstreamUserClient 3.6.8
>AGPM 111.4.4
>!APlatformEnabler 2.7.0d0
>X86PlatformShim 1.0.0
>pmtelemetry 1
>!A!IKBLGraphics 14.0.6
@Dont_Steal_Mac_OS_X 7.0.0
>AGDCBacklightControl 5.2.4
>BridgeAudioCommunication 6.70.7
>ACPI_SMC_PlatformPlugin 1.0.0
>!ABacklight 180.3
>!AThunderboltIP 3.1.4
>!ATopCaseHIDEEventDriver 3430.1
>!AHIDALSService 1
>!AFIVRDriver 4.1.0
>!AAVEBridge 6.1
>!AMuxControl2 5.2.4
>!ABridgeAudio!C 6.70.7
>!AGFXHDA 100.1.428
>!A!IPCHPMC 2.0.1
>!A!ICFLGraphicsFramebuffer 14.0.6
>!A!ISlowAdaptiveClocking 4.0.0
>!AMCCSControl 1.14
@fileutil 20.036.15
@filesystems.autofs 3.0
>BCM WLANFirmware4355.Hashstore 1
>BCM WLANFirmware4364.Hashstore 1
>BCM WLANFirmware4377.Hashstore 1
>!ABCMWLANBusInterfacePCle 1
>!AFileSystemDriver 3.0.1
@filesystems.hfs.kext 522.100.5
@BootCache 40
@!AFSCCompression.!AFSCCompressionTypeDataless 1.0.0d1
@!AFSCCompression.!AFSCCompressionTypeZlib 1.0.0
>!AVirtIO 1.0
@filesystems.apfs 1412.120.2
@private.KextAudit 1.0
>!ASmartBatteryManager 161.0.0
>!AACPIButtons 6.1
>!ASMBIOS 2.1
>!AACPIEC 6.1
>!AAPIC 1.7
\$!AlImage4 1
@nke.applicationfirewall 303

\$TMSafetyNet 8
@!ASystemPolicy 2.0.0
|EndpointSecurity 1
>DiskImages.KernelBacked 493.0.0
@kext.AMDRadeonX6100HWLibs 1.0
@kext.AMDRadeonX6000HWServices 3.0.9
|IOAVB!F 850.1
>!ASSE 1.0
>IOPlatformPluginLegacy 1.0.0
>!AHDA!C283.15
|IOHDA!F 283.15
@kext.AMDRadeonX6000Framebuffer 3.0.9
@!AGPUWrangler 5.2.4
>!ABacklightExpert 1.1.0
>!AHS!BDriver 3430.1
>IO!BHIDDriver 7.0.5f6
>!AActuatorDriver 3440.1
>!AMultitouchDriver 3440.1
>!AInputDeviceSupport 3440.8
>X86PlatformPlugin 1.0.0
>!AGraphicsControl 5.2.4
>!AHIDKeyboard 209
|IONDRVSupport 576.1
>IOPlatformPlugin!F 6.0.0d8
>!ASMBusPCI 1.0.14d1
|IO!BHost!CUARTTransport 7.0.5f6
|IO!BHost!CTransport 7.0.5f6
>!A!LpssUARTv1 3.0.60
>!A!LpssUARTCommon 3.0.60
>!AOnboardSerial 1.0
@kext.AMDSupport 3.0.9
@!AGraphicsDeviceControl 5.2.4
|IOAccelerator!F2 438.5.4
|IOSlowAdaptiveClocking!F 1.0.0
>!ASMBus!C 1.0.18d1
|IOGraphics!F 576.1
>!AThunderboltEDMSink 4.2.3
>!AThunderboltDPOutAdapter 6.2.6
@plugin.IOGPTPlugin 840.3
|IOEthernetAVB!C 1.1.0
@kext.triggers 1.0
>usb.IOUSBHostHIDDevice 1.2
>usb.cdc.ecm 5.0.0
>usb.cdc.ncm 5.0.0

>usb.cdc 5.0.0
>usb.networking 5.0.0
>usb.!UHostCompositeDevice 1.2
>!ABCMWLANCore 1.0.0
>mDNSOffloadUserClient 1.0.1b8
>IOImageLoader 1.0.0
|IO80211!FV2 1200.12.2b1
>corecapture 1.0.4
|IOSkywalk!F 1
|IOSurface 269.11
@filesystems.hfs.encodings.kext 1
|IOAudio!F 300.2
@vecLib.kext 1.2.0
|IOSerial!F 11
>!AXsanScheme 3
>usb.!UVHCIBCE 1.2
>usb.!UVHCI 1.2
>usb.!UVHCICommonBCE 1.0
>usb.!UVHCICommon 1.0
>!AEffaceableNOR 1.0
|IOBufferCopy!C 1.1.0
|IOBufferCopyEngine!F 1
|IONVMe!F 2.1.0
>!AThunderboltPCIDownAdapter 2.5.4
>!AThunderboltDPInAdapter 6.2.6
>!AThunderboltDPAdapter!F 6.2.6
>!AHPM 3.4.4
>!A!ILpssl2C!C 3.0.60
>!A!ILpssDmac 3.0.60
>!A!ILpssl2C 3.0.60
>!AThunderboltNHI 5.8.6
|IOThunderbolt!F 7.6.1
>usb.!UHostPacketFilter 1.0
|IOUSB!F 900.4.2
>usb.!UXHCIPCI 1.2
>usb.!UXHCI 1.2
>!AEFINVRAM 2.1
>!AEFIRuntime 2.1
>!ASMCRTC 1.0
|IOSMBus!F 1.1
|IOHID!F 2.0.0
\$quarantine 4
\$sandbox 300.0
@kext.!AMatch 1.0.0d1

>!AKeyStore 2
>!UTDM 489.120.1
|IOSCSIBlockCommandsDevice 422.120.3
>!ACredentialManager 1.0
>KernelRelayHost 1
>!ASEPManager 1.0.1
>IOSlaveProcessor 1
>!AFDEKeyStore 28.30
>!AEffaceable!S 1.0
>!AMobileFileIntegrity 1.0.5
@kext.CoreTrust 1
|CoreAnalytics!F 1
|IOTimeSync!F 840.3
|IONetworking!F 3.4
>DiskImages 493.0.0
|IO!B!F 7.0.5f6
|IO!BPacketLogger 7.0.5f6
|IOUSBMass!S!Driver157.121.1
|IOSCSIArchitectureModel!F 422.120.3
|IO!S!F 2.1
|IOUSBHost!F 1.2
>usb.!UCommon 1.0
>!UHostMergeProperties 1.2
>!ABusPower!C 1.0
|IOReport!F 47
>!AACPIPlatform 6.1
>!ASMC 3.1.9
>watchdog 1
|IOPCI!F 2.9
|IOACPI!F 1.4
@kec.pthread 1
@kec.corecrypto 1.0
@kec.Libm 1