

STREAM

Memory throughput

SPEC CPU2006

CFP2006 and CINT2006

CINT2006 Rate and CFP2006 Rate.

Integer and floating-point calculation results.

	Mac Pro 8-core 3.2GHz (previous generation)	Mac Pro 8-core 2.93GHz	Δ
SPECfp_rate_base2006 Floating-point calculation (estimate)	77.3	144	1.9x
SPECint_rate_base2006 Integer calculation (estimate)	106	158	1.5x

Testing conducted by Apple in February 2009 using preproduction Mac Pro 8-core 2.93GHz units and shipping Mac Pro 8-core 3.2GHz units. SPEC® is a registered trademark of the Standard Performance Evaluation Corporation (SPEC); see www.spec.org for more information. Performance tests are conducted using specific computer systems and reflect the approximate performance of Mac Pro.

1. Testing conducted by Apple in February 2009 using preproduction Mac Pro 8-core 2.93GHz units and shipping Mac Pro 8-core 3.2GHz units. SPEC® is a registered trademark of the Standard Performance Evaluation Corporation (SPEC); see www.spec.org for more information. Performance tests are conducted using specific computer systems and reflect the approximate performance of Mac Pro.
2. Testing conducted by Apple in February 2009 using preproduction Mac Pro 8-core 2.93GHz units and shipping Mac Pro 8-core 3.2GHz units. Systems were configured with 6GB of RAM for Mac Pro 8-core 2.93GHz and 8GB of RAM for Mac Pro 8-core 3.2GHz. Results are based on the STREAM v. 5.8 benchmark (www.cs.virginia.edu/stream/ref.html) using OMP support for multiprocessor-compiled builds. Performance tests are conducted using specific computer systems and reflect the approximate performance of Mac Pro.