



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers
PRIMERGY RX220, AMD Opteron (TM) 254

SPECint2000 = 1750
SPECint_base2000 = 1750

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-2005 | Hardware Avail: Nov-2005 | Software Avail: Apr-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	91.8	1525	91.8	1525	
175.vpr	1400	100	1400	100	1400	
176.gcc	1100	55.1	1997	55.1	1997	
181.mcf	1800	172	1046	172	1046	
186.crafty	1000	55.3	1808	55.3	1808	
197.parser	1800	107	1690	107	1690	
252.eon	1300	50.6	2571	50.6	2571	
253.perlbnk	1800	96.8	1860	96.8	1860	
254.gap	1100	58.3	1886	58.3	1886	
255.vortex	1900	70.3	2704	70.3	2704	
256.bzip2	1500	109	1373	109	1373	
300.twolf	3000	166	1804	166	1804	

Hardware

CPU: AMD Opteron (TM) 254 processor (2.80 GHz)
 CPU MHz: 2800
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 64KBI + 64KBD on chip
 Secondary Cache: 1024KB (I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x2048MB DDR-RAM PC3200R
 Disk Subsystem: Western Digital WD2500 (SATA, 7.2krpm)
 Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
 Compiler: Intel C++ 8.0
 Build 20040415Z (for 32-bit applications),
 Microsoft Visual Studio .NET 7.0.9466 (libraries)
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Portability flags

176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Base tuning flags

for C programs: -fast -arch:SSE2 -Oi- +FDO
 for C++ programs: -fast -arch:SSE2 -GX -GR

Peak tuning flags

same as baseline (basepeak=yes set globally)

boot options: /NoExecute=alwaysoff

This result was measured with 32-bit binaries using the 32-bit version of



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers
PRIMERGY RX220, AMD Opteron (TM) 254

SPECint2000 =	1750
SPECint_base2000 =	1750

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-2005 | Hardware Avail: Nov-2005 | Software Avail: Apr-2004

Notes/Tuning Information (Continued)

the operating system.

For information about Fujitsu Siemens Computers in your country please see:
<http://www.fujitsu-siemens.com/countries>