



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

SPECint_rate2000 = 40.3
SPECint_rate_base2000 = 40.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	92.1	35.3	2	92.1	35.3
175.vpr	2	100	32.4	2	100	32.4
176.gcc	2	55.8	45.7	2	55.8	45.7
181.mcf	2	176	23.7	2	176	23.7
186.crafty	2	55.2	42.0	2	55.2	42.0
197.parser	2	107	39.0	2	107	39.0
252.eon	2	50.8	59.4	2	50.8	59.4
253.perlbnk	2	97.6	42.8	2	97.6	42.8
254.gap	2	58.6	43.6	2	58.6	43.6
255.vortex	2	71.1	62.0	2	71.1	62.0
256.bzip2	2	110	31.6	2	110	31.6
300.twolf	2	167	41.8	2	167	41.8

Hardware

CPU: AMD Opteron (TM) 254 processor (2.80 GHz)
 CPU MHz: 2800
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 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: 8x2048MB 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)

'start /b /wait /affinity' command is used to bind CPU(s) to processes
 boot options: /NoExecute=alwaysoff



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

SPECint_rate2000 = 40.3

SPECint_rate_base2000 = 40.3

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

Notes/Tuning Information (Continued)

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

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