



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

SPECint_rate2000 = 20.3
SPECint_rate_base2000 = 20.3

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	1	91.8	17.7	1	91.8	17.7
175.vpr	1	100	16.2	1	100	16.2
176.gcc	1	55.1	23.2	1	55.1	23.2
181.mcf	1	172	12.1	1	172	12.1
186.crafty	1	55.3	21.0	1	55.3	21.0
197.parser	1	107	19.6	1	107	19.6
252.eon	1	50.6	29.8	1	50.6	29.8
253.perlbnk	1	96.8	21.6	1	96.8	21.6
254.gap	1	58.3	21.9	1	58.3	21.9
255.vortex	1	70.3	31.4	1	70.3	31.4
256.bzip2	1	109	15.9	1	109	15.9
300.twolf	1	166	20.9	1	166	20.9

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

SPECint_rate2000 = 20.3
SPECint_rate_base2000 = 20.3

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

Notes/Tuning Information (Continued)

the operating system.

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