



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY BX630, AMD Opteron (TM) 250

SPECint_rate2000 = 18.0
SPECint_rate_base2000 = 18.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	106	15.3	1	106	15.3
175.vpr	1	110	14.8	1	110	14.8
176.gcc	1	62.9	20.3	1	62.9	20.3
181.mcf	1	176	11.8	1	176	11.8
186.crafty	1	64.3	18.1	1	64.3	18.1
197.parser	1	121	17.3	1	121	17.3
252.eon	1	58.6	25.7	1	58.6	25.7
253.perlbnk	1	112	18.7	1	112	18.7
254.gap	1	66.4	19.2	1	66.4	19.2
255.vortex	1	78.6	28.0	1	78.6	28.0
256.bzip2	1	121	14.4	1	121	14.4
300.twolf	1	184	18.9	1	184	18.9

Hardware

CPU: AMD Opteron (TM) 250 processor (2.40 GHz)
CPU MHz: 2400
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: Seagate ST3160023AS (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



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Notes/Tuning Information (Continued)

the operating system.

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