



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY BX630, AMD Opteron (TM) 850

SPECint_rate2000 = 36.0
SPECint_rate_base2000 = 36.0

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	2	107	30.4	2	107	30.4
175.vpr	2	110	29.5	2	110	29.5
176.gcc	2	63.4	40.3	2	63.4	40.3
181.mcf	2	178	23.5	2	178	23.5
186.crafty	2	64.1	36.2	2	64.1	36.2
197.parser	2	121	34.5	2	121	34.5
252.eon	2	58.7	51.4	2	58.7	51.4
253.perlbnk	2	112	37.3	2	112	37.3
254.gap	2	66.5	38.4	2	66.5	38.4
255.vortex	2	78.4	56.2	2	78.4	56.2
256.bzip2	2	121	28.7	2	121	28.7
300.twolf	2	185	37.6	2	185	37.6

Hardware

CPU: AMD Opteron (TM) 850 processor (2.40 GHz)
CPU MHz: 2400
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: 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)

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



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Notes/Tuning Information (Continued)

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

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