



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY BX620 S2, 64-bit Intel Xeon 3.60 GHz

SPECint_rate2000 = 19.8
SPECint_rate_base2000 = 19.8

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: May-2005 | Hardware Avail: Mar-2005 | Software Avail: Mar-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	116	14.0	1	116	14.0
175.vpr	1	120	13.5	1	120	13.5
176.gcc	1	54.5	23.4	1	54.5	23.4
181.mcf	1	93.2	22.4	1	93.2	22.4
186.crafy	1	74.6	15.6	1	74.6	15.6
197.parser	1	123	17.0	1	123	17.0
252.eon	1	57.6	26.2	1	57.6	26.2
253.perlbnk	1	87.2	24.0	1	87.2	24.0
254.gap	1	58.5	21.8	1	58.5	21.8
255.vortex	1	67.9	32.5	1	67.9	32.5
256.bzip2	1	119	14.6	1	119	14.6
300.twolf	1	166	21.0	1	166	21.0

Hardware

CPU: 64-bit Intel Xeon (3.60 GHz, 800 MHz bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2048 MB DDRII-RAM PC2-3200R
Disk Subsystem: Fujitsu MAS3367NC (SCSI U320 15 krpm)
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C/C++ Compiler 8.1 (20050405Z) for 32-bit applications
Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries)
SmartHeap Library Version 6.03a from http://www.microquill.com
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.crafy: -DNT_i386
252.eon: Approved srcalt stdcpp is used
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Base tuning flags

for C programs: -fast +FDO shlW32M.lib
for C++ programs: -fast -Qcxx_features +FDO

Peak tuning flags

same as baseline (basepeak=yes set globally)

The system bus runs at 800 MHz

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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