



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.80 GHz

SPECint_rate2000 = 42.5
SPECint_rate_base2000 = 42.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	4	169	38.5	4	169	38.5
175.vpr	4	230	28.2	4	230	28.2
176.gcc	4	88.0	58.0	4	88.0	58.0
181.mcf	4	336	24.9	4	336	24.9
186.crafy	4	141	32.9	4	141	32.9
197.parser	4	197	42.4	4	197	42.4
252.eon	4	121	49.9	4	121	49.9
253.perlbnk	4	173	48.4	4	173	48.4
254.gap	4	109	47.0	4	109	47.0
255.vortex	4	123	71.5	4	123	71.5
256.bzip2	4	191	36.4	4	191	36.4
300.twolf	4	261	53.3	4	261	53.3

Hardware

CPU: 64-bit Intel Xeon (3.80 GHz, 800 MHz bus)
CPU MHz: 3800
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
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: 8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem: Fujitsu MAS3184NC (U320, 15krpm)
Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C++ Compiler 9.0
Build 20050722Z (for 32-bit applications)
Microsoft Visual Studio .Net 2003
7.1.3088 (for libraries)
SmartHeap Library Version 7.4
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 shlW32M.lib

Peak tuning flags

same as baseline (basepeak=yes set globally)

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz



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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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