CINT2000 Result

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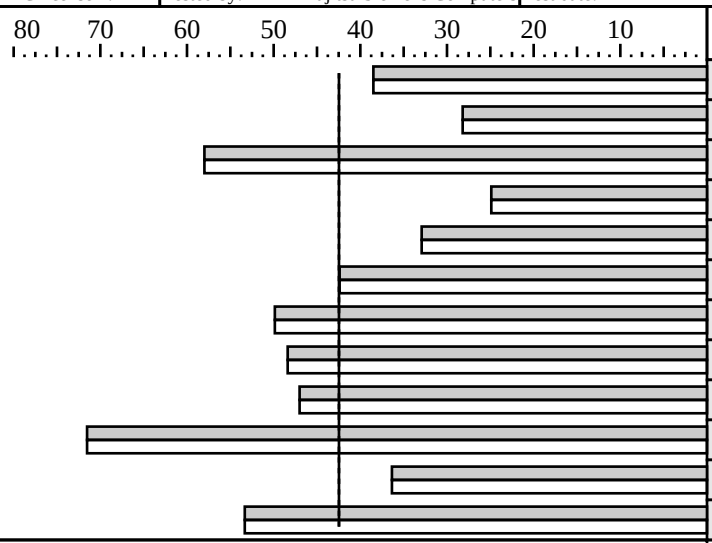
Fujitsu Siemens Computers

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.gzip	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.crafty	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.perlbmk	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.perlbmk: -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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