CINT2000 Result

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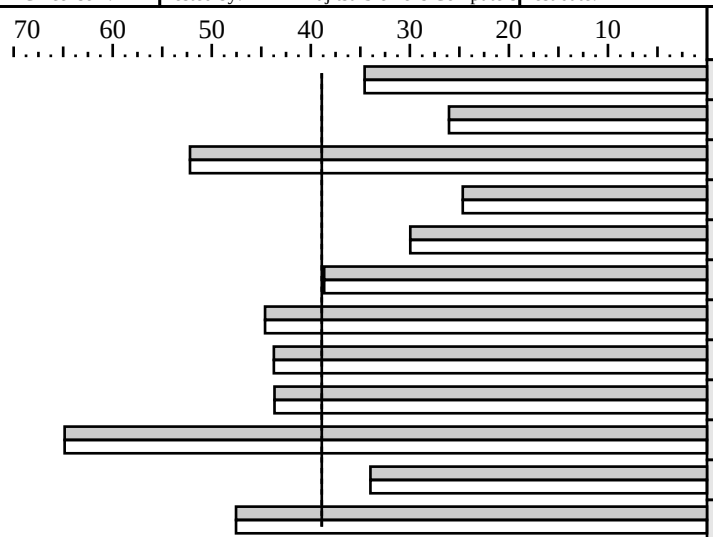
Fujitsu Siemens Computers

PRIMERGY TX300 S2, 64-bit Intel Xeon 3.40 GHz

SPECint_rate2000 = 38.9

SPECint_rate_base2000 = 38.9

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	188	34.6	4	188	34.6
175.vpr	4	249	26.0	4	249	26.0
176.gcc	4	97.8	52.2	4	97.8	52.2
181.mcf	4	339	24.7	4	339	24.7
186.crafty	4	155	30.0	4	155	30.0
197.parser	4	216	38.6	4	216	38.6
252.eon	4	135	44.6	4	135	44.6
253.perlbmk	4	191	43.7	4	191	43.7
254.gap	4	117	43.7	4	117	43.7
255.vortex	4	136	64.9	4	136	64.9
256.bzip2	4	205	34.0	4	205	34.0
300.twolf	4	293	47.5	4	293	47.5

Hardware

CPU:	64-bit Intel Xeon processor 3.4GHz, 2MB L2, 800MHz system bus
CPU MHz:	3400
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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