CINT2000 Result

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Fujitsu Siemens Computers

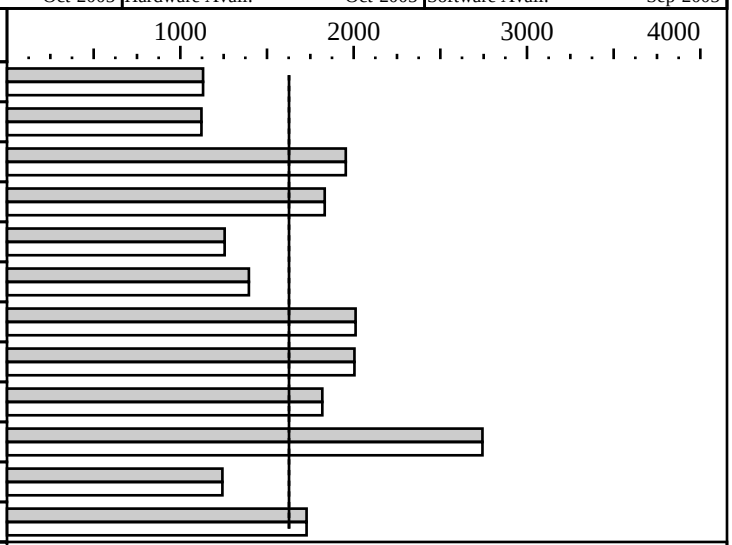
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.40 GHz

SPECint2000 = 1627

SPECint_base2000 = 1627

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1131	124	1131
175.vpr	1400	125	1122	125	1122
176.gcc	1100	56.3	1954	56.3	1954
181.mcf	1800	98.2	1833	98.2	1833
186.crafty	1000	79.6	1256	79.6	1256
197.parser	1800	129	1396	129	1396
252.eon	1300	64.6	2011	64.6	2011
253.perlbmk	1800	89.8	2005	89.8	2005
254.gap	1100	60.5	1819	60.5	1819
255.vortex	1900	69.3	2743	69.3	2743
256.bzip2	1500	121	1243	121	1243
300.twolf	3000	174	1728	174	1728



Hardware

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