CINT2000 Result

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Fujitsu Siemens Computers

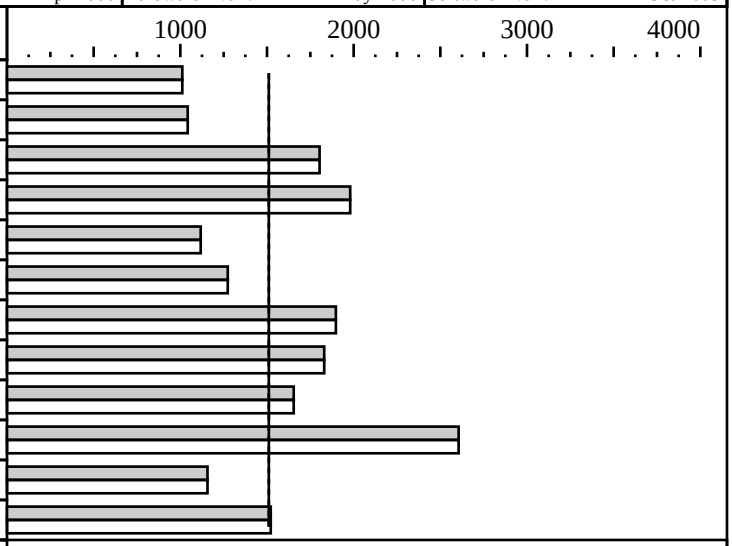
PRIMERGY TX150 S4, Intel Pentium 4 631 processor, 3.0 GHz

SPECint2000 = 1511

SPECint_base2000 = 1511

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2006 | Hardware Avail: May-2006 | Software Avail: Oct-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	138	1011	138	1011
175.vpr	1400	134	1043	134	1043
176.gcc	1100	61.0	1803	61.0	1803
181.mcf	1800	90.9	1980	90.9	1980
186.crafty	1000	89.5	1118	89.5	1118
197.parser	1800	141	1274	141	1274
252.eon	1300	68.5	1897	68.5	1897
253.perlbmk	1800	98.4	1830	98.4	1830
254.gap	1100	66.5	1654	66.5	1654
255.vortex	1900	72.9	2606	72.9	2606
256.bzip2	1500	130	1157	130	1157
300.twolf	3000	197	1522	197	1522



Hardware

CPU:	Intel Pentium 4 631 processor (3.0 GHz, 2MB L2, 800 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
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:	4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem:	Fujitsu MAS3735NC (SCSI, 15krpm, 73GB)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ Compiler 9.0 Build 20051020Z (for 32-bit applications), Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries), SmartHeap Library Version 8.0 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
   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=true set globally)

The system bus runs at 800 MHz

This result was measured with 32-bit binaries using the 32-bit version of
the operating system.
```

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Notes/Tuning Information (Continued)

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