CINT2000 Result

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Fujitsu Siemens Computers

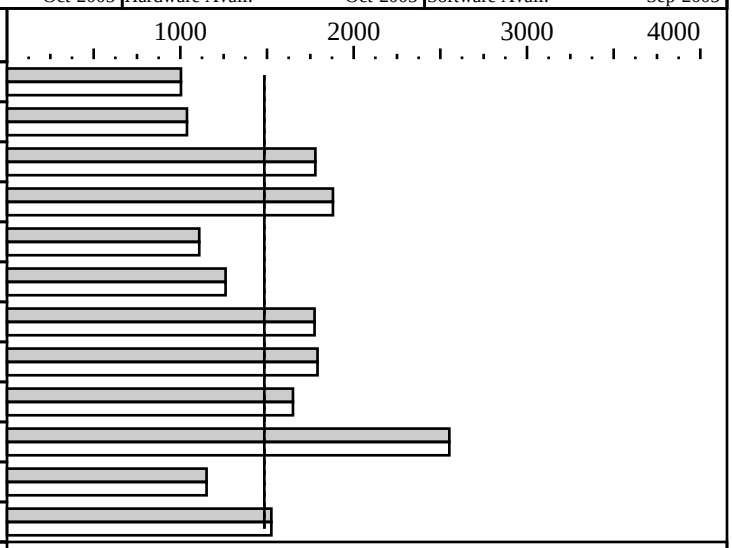
PRIMERGY Econel 100, Intel Pentium 4 processor 630, 3GHz

SPECint2000 = 1485

SPECint_base2000 = 1485

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	139	1004	139	1004
175.vpr	1400	135	1038	135	1038
176.gcc	1100	61.8	1779	61.8	1779
181.mcf	1800	95.7	1881	95.7	1881
186.crafty	1000	90.2	1109	90.2	1109
197.parser	1800	143	1261	143	1261
252.eon	1300	73.3	1774	73.3	1774
253.perlbmk	1800	100	1792	100	1792
254.gap	1100	66.7	1650	66.7	1650
255.vortex	1900	74.5	2552	74.5	2552
256.bzip2	1500	130	1151	130	1151
300.twolf	3000	197	1525	197	1525



Hardware

CPU:	Intel Pentium 4 processor 630, 3GHz, 800MHz 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:	2 MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2 GB DDR2-SDRAM PC2-4200
Disk Subsystem:	Seagate ST3160023AS (SATA, 7.2krpm)
Other Hardware:	

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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