CINT2000 Result

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Fujitsu Siemens Computers

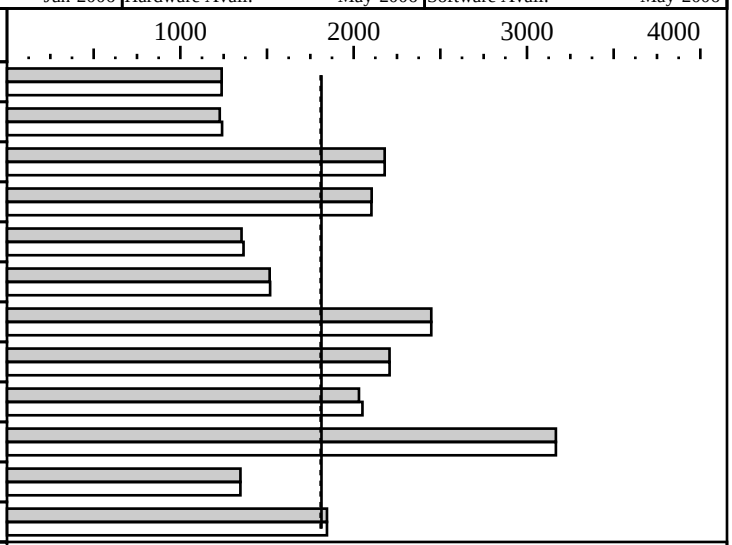
CELSIUS M440, Intel dual-core Pentium D 960

SPECint2000 = 1814

SPECint_base2000 = 1810

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	113	1238	113	1238
175.vpr	1400	114	1227	113	1241
176.gcc	1100	50.5	2179	50.5	2179
181.mcf	1800	85.6	2104	85.6	2103
186.crafty	1000	73.9	1353	73.3	1365
197.parser	1800	119	1515	119	1518
252.eon	1300	53.1	2448	53.1	2448
253.perlbmk	1800	81.6	2207	81.5	2207
254.gap	1100	54.2	2031	53.6	2051
255.vortex	1900	60.0	3167	60.0	3167
256.bzip2	1500	111	1347	111	1347
300.twolf	3000	163	1846	163	1846



Hardware

CPU:	Intel Pentium D processor 960
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD per core (on chip)
Secondary Cache:	2 MB(I+D) per core (on chip)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 GB (4 x 1GB PC2-4200 DDR2 ECC modules)
Disk Subsystem:	Maxtor 6Y160M0 (Serial ATA 7200 RPM)
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 2
Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20060519Z Package ID: W_CC_P_9.1.025 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
Portability flags:
 176.gcc:     -Dalloca=_alloca /F10000000
 186.crafty:  -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Feedback optimization:
  +FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:
 for C programs:
 -fast +FDO shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO

Peak Tuning Flags:
 164.gzip:     -fast +FDO
 175.vpr:      -fast +FDO
 176.gcc:      basepeak=yes
 181.mcf:      -fast +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
 186.crafty:    -fast +FDO
 197.parser:    -fast +FDO
 252.eon:       -fast -Qcxx_features +FDO
 253.perlbmk:   -fast +FDO shlW32M.lib
 254.gap:       -fast +FDO
 255.vortex     -fast +FDO shlW32M.lib
 256.bzip2:     -fast +FDO
 300.twolf:     -fast +FDO shlW32M.lib

Extra Libraries:
 shlW32M.lib = Microquill SmartHeap Library 8
 see www.microquill.com


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http://www.fujitsu-siemens.com/countries
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