CINT2000 Result

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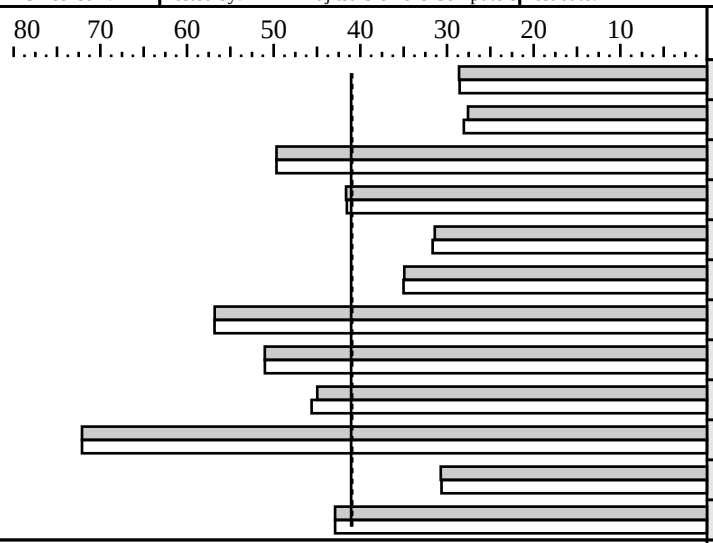
Fujitsu Siemens Computers

CELSIUS M440, Intel dual-core Pentium D 960

SPECint_rate2000 = 41.1

SPECint_rate_base2000 = 40.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	114	28.6	2	114	28.5
175.vpr	2	118	27.6	2	116	28.1
176.gcc	2	51.4	49.7	2	51.4	49.7
181.mcf	2	100	41.6	2	101	41.6
186.crafty	2	73.9	31.4	2	73.3	31.7
197.parser	2	120	34.9	2	119	35.0
252.eon	2	53.1	56.8	2	53.1	56.8
253.perlbmk	2	81.8	51.0	2	81.9	51.0
254.gap	2	56.8	45.0	2	55.9	45.6
255.vortex	2	61.1	72.1	2	61.1	72.1
256.bzip2	2	113	30.7	2	114	30.6
300.twolf	2	162	42.9	2	162	42.9

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


For information about Fujitsu Siemens Computers in your country please see:
http://www.fujitsu-siemens.com/countries
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