CINT2000 Result

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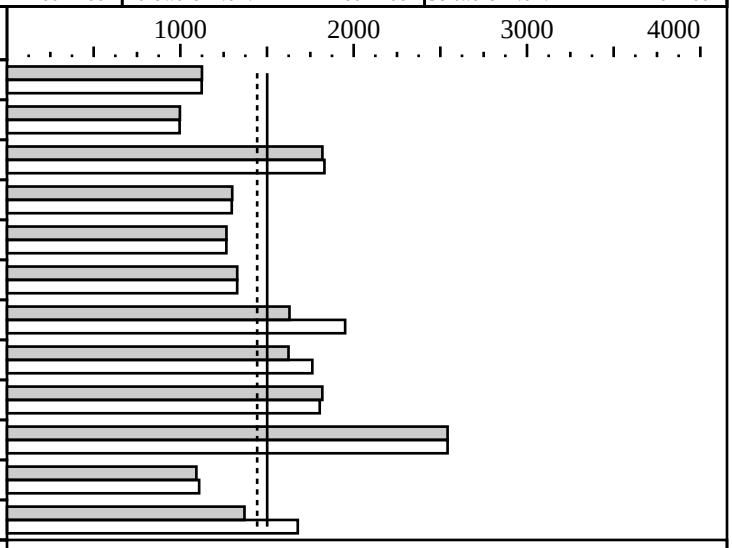
Fujitsu Siemens Computers
CELSIUS M420

SPECint2000 = 1501

SPECint_base2000 = 1443

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Jun-2004 | Hardware Avail: Jun-2004 | Software Avail: Mar-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1125	125	1123
175.vpr	1400	140	998	141	996
176.gcc	1100	60.5	1820	60.1	1831
181.mcf	1800	139	1299	139	1297
186.crafty	1000	79.0	1266	79.0	1266
197.parser	1800	136	1328	136	1328
252.eon	1300	79.8	1630	66.6	1951
253.perlbmk	1800	111	1624	102	1761
254.gap	1100	60.5	1819	61.0	1804
255.vortex	1900	74.8	2542	74.8	2542
256.bzip2	1500	137	1093	135	1109
300.twolf	3000	219	1370	179	1678



Hardware

CPU:	Pentium 4 processor (3.4E GHz, 800 MHz bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2048 MB (4 512 MB PC3200 DDR ECC modules)
Disk Subsystem:	Maxtor 6Y160M0 (Serial ATA 7200 rpm)
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 1
Compiler:	Intel(R) C++ Compiler, Version 8.0, - Build 20040318Z Package ID: W_CC_PC_8.0.048 Microsoft Visual Studio .NET 7.0 (for libraries) MicroQuill SmartHeap Library 6.03a
File System:	FAT32
System State:	Default

Notes/Tuning Information

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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 except 252.eon:
 -QxP -fast -Qansi_alias +FDO
 for C++ program 252.eon:
 -QxP -fast -GX -GR

 Peak Tuning Flags:
 164.gzip:     -QxP -fast -Qansi_alias -Oa  +FDO
 175.vpr:      -QxP -fast -Qansi_alias +FDO
 176.gcc:      -QxP -fast -Qansi_alias +FDO
 181.mcf:      -QxP -fast -Qansi_alias +FDO
```

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Notes/Tuning Information (Continued)

```
 186.crafty:    -QxP -fast -Qansi_alias -Oa +FDO
 197.parser:    -QxP -fast -Qansi_alias  +FDO
 252.eon:       -QxP -O2 -Qipo +FDO
 253.perlbmk:   -QxP -fast -Qansi_alias +FDO shlW32M.lib
 254.gap:       -QxP -fast -Qunroll1 -Zp8 +FDO
 255.vortex     basepeak=yes
 256.bzip2:    -fast -Oa -Qunroll1 +FDO
 300.twolf:     -QxP -fast -O3 +FDO shlW32M.lib

Extra Libraries:
 shlW32M.lib = Microquill SmartHeap Library 6.03a
 see www.microquill.com

The system bus runs at 800 MHz

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