CINT2000 Result

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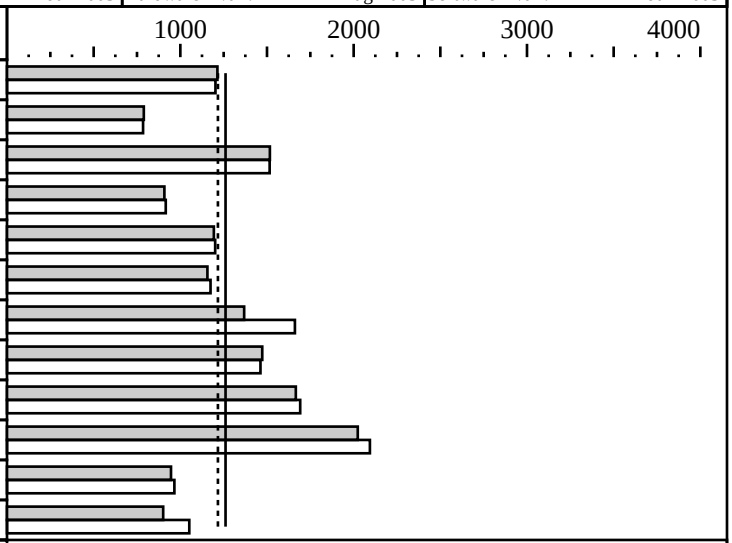
Fujitsu Siemens Computers
Celsius M420

SPECint2000 = 1261

SPECint_base2000 = 1217

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Jul-2003 | Hardware Avail: Aug-2003 | Software Avail: Jun-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	115	1214	116	1203
175.vpr	1400	177	789	178	785
176.gcc	1100	72.5	1517	72.6	1515
181.mcf	1800	198	908	197	916
186.crafty	1000	83.8	1193	83.3	1201
197.parser	1800	156	1156	153	1174
252.eon	1300	95.0	1368	78.3	1661
253.perlbmk	1800	122	1473	123	1462
254.gap	1100	66.0	1666	65.0	1692
255.vortex	1900	93.9	2024	90.8	2094
256.bzip2	1500	159	946	155	966
300.twolf	3000	333	901	285	1052



Hardware

CPU:	Pentium 4 processor (3.2 GHz, 800 MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1024 MB (2 512 MB PC3200 DDR ECC modules)
Disk Subsystem:	ATA-100
Other Hardware:	

Software

Operating System:	Windows 2000 Professional
Compiler:	Intel(R) C++ Compiler, Version 7.1 Build 20030609Z Microsoft Visual Studio .NET: 7.00.9466 (for libraries) MicroQuill SmartHeap Library 6.03a
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -QxW -Qipo +FDO
Base tuning for C++ programs: -QxW -Qipo -GX -GR
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
Peak tuning:
  164.gzip:     -QaxW -Qipo -O3 +FDO
  175.vpr:      -QxW -Qipo +FDO
  176.gcc:      -QxW -Qipo -O3 +FDO
  181.mcf:      -Qipo -O3 +FDO shlW32M.lib
  186.crafty:   -QxW -Qipo -Oa +FDO
  197.parser:   -QxW -Qipo -O3 +FDO
  252.eon:      -QxW -Qipo +FDO
  253.perlbmk:  -Qipo +FDO shlW32M.lib
  254.gap:      -QxW -Qipo -O3 +FDO
  255.vortex    -Qipo -Oa +FDO
  256.bzip2:    -Qipo +FDO
```

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Notes/Tuning Information (Continued)

```
  300.twolf:    -QxW -Qipo +FDO shlW32M.lib
Extra Libraries
  shlW32M.lib : MicroQuill SmartHeap Library 6.03a
                www.microquill.com
The system bus runs at 800 MHz
```