CINT2000 Result

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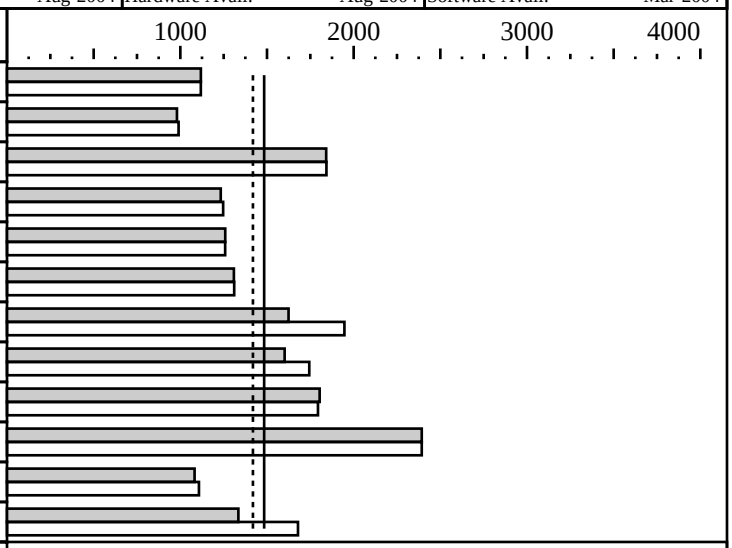
Fujitsu Siemens Computers
CELSIUS M430, Pentium 4 3.4F GHz

SPECint2000 = 1484

SPECint_base2000 = 1419

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	125	1118	125	1118
175.vpr	1400	143	981	141	990
176.gcc	1100	59.7	1841	59.7	1843
181.mcf	1800	146	1233	144	1247
186.crafty	1000	79.4	1259	79.5	1259
197.parser	1800	138	1309	137	1311
252.eon	1300	80.0	1624	66.8	1947
253.perlbmk	1800	112	1602	103	1744
254.gap	1100	61.0	1804	61.3	1794
255.vortex	1900	79.4	2393	79.4	2393
256.bzip2	1500	139	1082	135	1107
300.twolf	3000	225	1335	179	1679



Hardware

CPU:	Intel Pentium 4 (3.4F GHz, 800 MHz bus, Intel EM64T)
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 PC2-4200, CL4, DDR2 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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