CINT2000 Result

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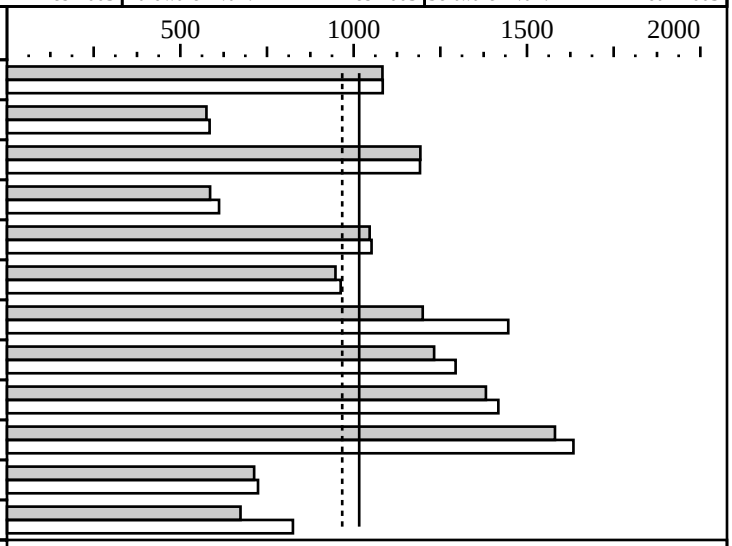
Fujitsu Siemens Computers
CELSIUS R610

SPECint2000 = 1016

SPECint_base2000 = 967

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Feb-2003 | Hardware Avail: Feb-2003 | Software Avail: Jan-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	129	1083	129	1084
175.vpr	1400	243	575	240	584
176.gcc	1100	92.3	1192	92.3	1191
181.mcf	1800	307	586	294	612
186.crafty	1000	95.6	1046	95.1	1052
197.parser	1800	190	948	187	963
252.eon	1300	108	1199	89.9	1446
253.perlbmk	1800	146	1232	139	1294
254.gap	1100	79.6	1381	77.6	1417
255.vortex	1900	120	1581	116	1634
256.bzip2	1500	210	713	207	724
300.twolf	3000	445	674	364	825



Hardware

CPU:	Xeon processor (2.8 GHz, 533 MHz bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2
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 PC2100 DDR ECC modules)
Disk Subsystem:	ATA-100
Other Hardware:	

Software

Operating System:	Windows 2000 Professional
Compiler:	Intel(R) C++ Compiler, Version 7.0 Build 20030114Z Intel(R) Fortran Compiler, Version 7.0 Build 20030114Z 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 533 MHz
Only one CPU installed on the system board.
```