CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

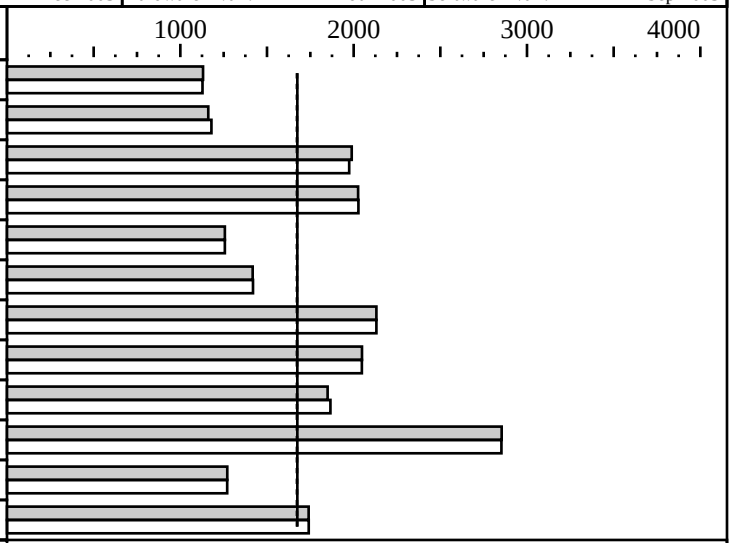
Fujitsu Siemens Computers
CELSIUS M440, Intel Pentium 4 650

SPECint2000 = 1675

SPECint_base2000 = 1673

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Dec-2005 | Hardware Avail: Jul-2005 | Software Avail: Sep-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1131	124	1128
175.vpr	1400	121	1161	119	1179
176.gcc	1100	55.3	1989	55.7	1974
181.mcf	1800	88.9	2026	88.8	2027
186.crafty	1000	79.6	1257	79.6	1257
197.parser	1800	127	1417	127	1419
252.eon	1300	61.0	2131	61.0	2131
253.perlbmk	1800	87.9	2048	87.9	2047
254.gap	1100	59.5	1850	59.0	1866
255.vortex	1900	66.6	2854	66.6	2852
256.bzip2	1500	118	1271	118	1270
300.twolf	3000	172	1740	172	1741



Hardware

CPU:	Intel Pentium 4 processor 650
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 GB (4x1 GB DDR2-533, 2rank, CL4-4-4, with ECC)
Disk Subsystem:	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 9.0, - Build 20050912Z Package ID: W_CC_C_9.0.024 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library 7.4
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:      -fast +FDO
 181.mcf:      -fast +FDO shlW32M.lib
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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 7.4
 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
```