CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

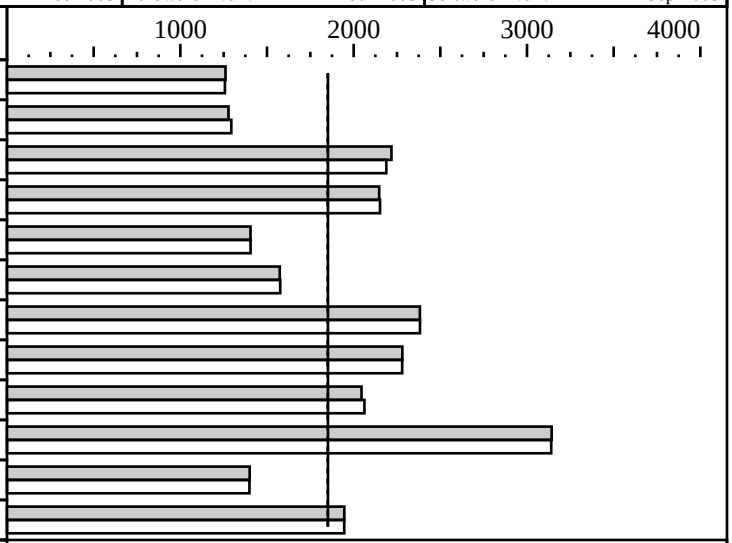
Fujitsu Siemens Computers
CELSIUS M440, Intel Pentium 4 670

SPECint2000 = 1852

SPECint_base2000 = 1851

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	111	1261	111	1257
175.vpr	1400	110	1278	108	1294
176.gcc	1100	49.6	2218	50.3	2188
181.mcf	1800	83.8	2147	83.6	2152
186.crafty	1000	71.2	1405	71.2	1405
197.parser	1800	114	1574	114	1576
252.eon	1300	54.6	2382	54.6	2383
253.perlbmk	1800	78.9	2281	79.0	2280
254.gap	1100	53.8	2045	53.3	2062
255.vortex	1900	60.5	3142	60.5	3140
256.bzip2	1500	107	1400	107	1399
300.twolf	3000	154	1946	154	1945



Hardware

CPU:	Intel Pentium 4 processor 670
CPU MHz:	3800
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
```