CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

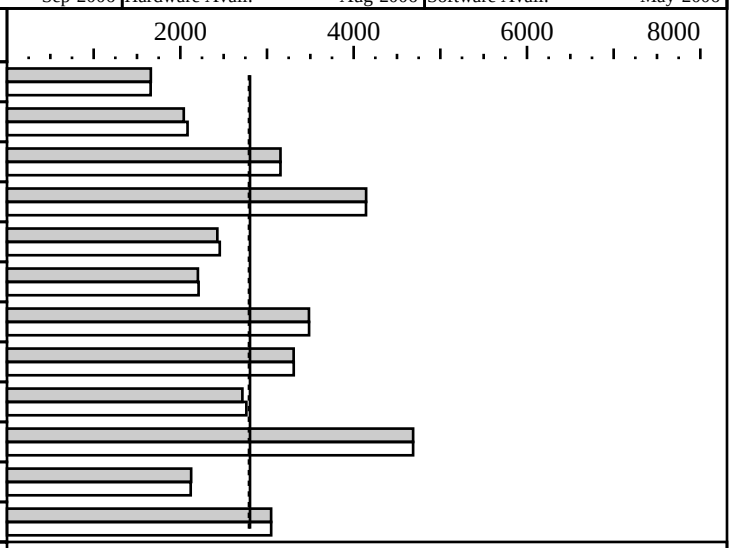
Fujitsu Siemens Computers
CELSIUS R540, Intel Xeon 5150 processor

SPECint2000 = 2804

SPECint_base2000 = 2792

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-2006 | Hardware Avail: Aug-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	84.4	1660	84.5	1657
175.vpr	1400	68.6	2040	67.2	2083
176.gcc	1100	34.9	3156	34.9	3156
181.mcf	1800	43.4	4144	43.5	4142
186.crafty	1000	41.2	2427	40.7	2455
197.parser	1800	81.7	2203	81.4	2211
252.eon	1300	37.3	3484	37.3	3486
253.perlbmk	1800	54.4	3307	54.4	3308
254.gap	1100	40.5	2716	39.8	2762
255.vortex	1900	40.5	4686	40.5	4686
256.bzip2	1500	70.6	2125	70.8	2120
300.twolf	3000	98.4	3048	98.4	3048



Hardware

CPU:	Intel Xeon 5150 processor (2.66 GHz, 1333 MHz system bus)
CPU MHz:	2667
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip, per core
Secondary Cache:	4096KB(I+D) on chip, per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 GB (4x1 GB DDR2 5300F, 2rank, CL5-5-5, with ECC)
Disk Subsystem:	Serial ATA 7200 rpm
Other Hardware:	

Software

Operating System:	Windows XP, 64 bit Edition
Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20060519Z Package ID: W_CC_P_9.1.025 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)
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:      basepeak=yes
 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 8
 see www.microquill.com

 Compilation was done in
 Windows XP Professional, Service Pack 2


For information about Fujitsu Siemens Computers in your country please see:
http://www.fujitsu-siemens.com/countries
```