CINT2000 Result

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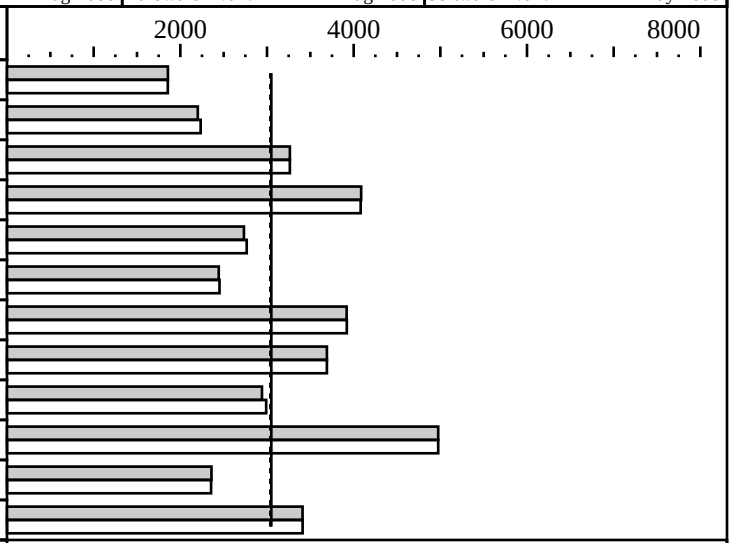
Fujitsu Siemens Computers
CELSIUS R640, Intel Xeon 5160 processor

SPECint2000 = 3050

SPECint_base2000 = 3039

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	75.4	1857	75.5	1855
175.vpr	1400	63.6	2202	62.7	2234
176.gcc	1100	33.7	3264	33.7	3264
181.mcf	1800	44.0	4087	44.1	4081
186.crafty	1000	36.6	2734	36.2	2766
197.parser	1800	73.7	2443	73.4	2452
252.eon	1300	33.2	3919	33.2	3921
253.perlbmk	1800	48.8	3691	48.8	3691
254.gap	1100	37.4	2942	36.8	2991
255.vortex	1900	38.2	4976	38.2	4976
256.bzip2	1500	63.6	2359	63.7	2355
300.twolf	3000	88.0	3410	88.0	3411



Hardware

CPU:	Intel Xeon 5160 processor (3.0 GHz, 1333 MHz system bus)
CPU MHz:	3000
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:	8 GB (8x1 GB DDRII 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
```

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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

Snoop Filter was enabled in BIOS

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