CINT2000 Result

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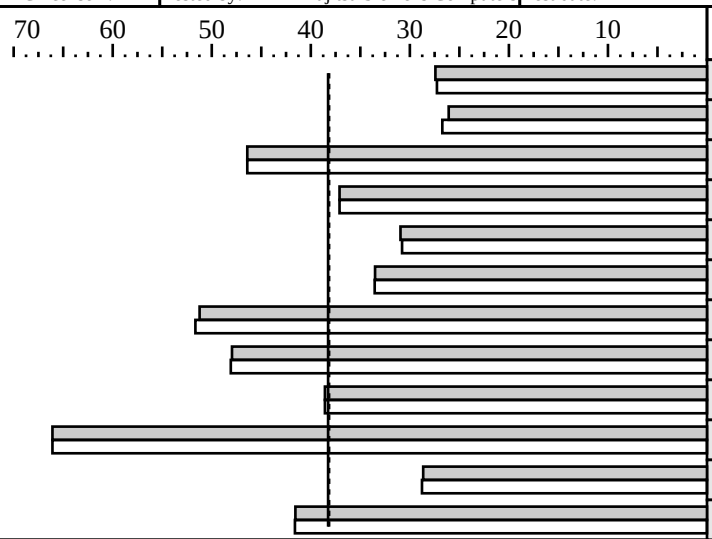
Fujitsu Siemens Computers
CELSIUS R630, Intel Xeon 3.6 GHz

SPECint_rate2000 = 38.3

SPECint_rate_base2000 = 38.2

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Feb-2005 | Hardware Avail: Mar-2005 | Software Avail: Nov-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	118	27.4	2	119	27.3
175.vpr	2	125	26.1	2	122	26.7
176.gcc	2	55.0	46.4	2	55.0	46.4
181.mcf	2	113	37.1	2	113	37.1
186.crafty	2	75.0	30.9	2	75.4	30.8
197.parser	2	125	33.5	2	124	33.6
252.eon	2	58.9	51.2	2	58.4	51.7
253.perlbmk	2	87.1	48.0	2	86.9	48.1
254.gap	2	66.2	38.6	2	66.2	38.6
255.vortex	2	66.7	66.1	2	66.7	66.1
256.bzip2	2	121	28.7	2	121	28.8
300.twolf	2	167	41.6	2	167	41.6

Hardware

CPU:	Intel Xeon (3.6 GHz, 800 MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
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 (8x512 MB DDRII 400, CL3-3-3, with ECC)
Disk Subsystem:	Fujitsu MAP3367NP (SCSI Ultra 320)
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 2
Compiler:	Intel(R) C++ Compiler, Version 8.1, - Build 20041019Z, Package ID: W_CC_PU_8.1.020 Microsoft Visual Studio .NET 7.0 (for libraries) MicroQuill SmartHeap Library 6.03a
File System:	FAT32
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 (except 252.eon):
 -fast +FDO shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO shlW32M.lib

 Peak Tuning Flags:
 164.gzip:     -fast -Qansi_alias -Oa +FDO
 175.vpr:      -fast -Qansi_alias +FDO
 176.gcc:      basepeak=yes
 181.mcf:      basepeak=yes
```

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Notes/Tuning Information (Continued)

```
 186.crafty:   -fast -Qansi_alias -Oa +FDO
 197.parser:   -fast -Qansi_alias +FDO
 252.eon:      -fast +FDO
 253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
 254.gap:      basepeak=yes
 255.vortex    basepeak=yes
 256.bzip2:   -fast -Oa -Qunroll1 +FDO
 300.twolf:    -fast -O3 +FDO shlW32M.lib

Extra Libraries:
 shlW32M.lib = Microquill SmartHeap Library 6.03a
 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
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