CINT2000 Result

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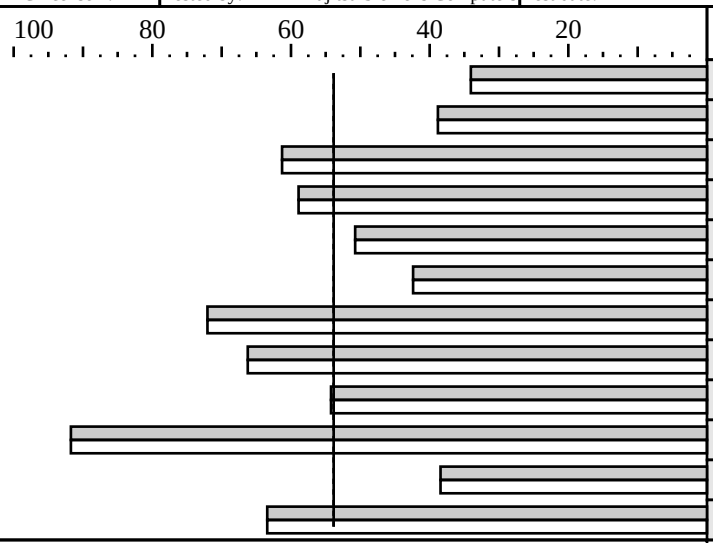
Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Xeon processor 3060, 2.40 GHz

SPECint_rate2000 = 53.8

SPECint_rate_base2000 = 53.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	95.4	34.1	2	95.4	34.1
175.vpr	2	83.7	38.8	2	83.7	38.8
176.gcc	2	41.6	61.3	2	41.6	61.3
181.mcf	2	70.9	58.9	2	70.9	58.9
186.crafty	2	45.7	50.7	2	45.7	50.7
197.parser	2	98.5	42.4	2	98.5	42.4
252.eon	2	41.9	72.0	2	41.9	72.0
253.perlbmk	2	63.0	66.2	2	63.0	66.2
254.gap	2	47.1	54.2	2	47.1	54.2
255.vortex	2	48.0	91.7	2	48.0	91.7
256.bzip2	2	90.5	38.4	2	90.5	38.4
300.twolf	2	110	63.4	2	110	63.4

Hardware

CPU:	Intel Xeon processor 3060 (2.40 GHz, 4MB L2, 1066 MHz system bus)
CPU MHz:	2400
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip, per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem:	Seagate ST3146854SS (SAS, 15.4krpm, 146GB)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1 (32-bit)
Compiler:	Intel C++ Compiler 9.1 Build 20060323Z (for 32-bit applications), Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries), SmartHeap Library Version 8.0 from http://www.microquill.com
File System:	NTFS
System State:	Default

Notes/Tuning Information

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GENERAL
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use

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

Base tuning flags
   for C programs:   -fast +FDO shlW32M.lib
   for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib

Peak tuning flags
   same as baseline (basepeak=true set globally)

The system bus runs at 1066 MHz

This result was measured with 32-bit binaries using the 32-bit version of
the operating system.
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Notes/Tuning Information (Continued)

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BIOS configuration:
Adjacent Sector Prefetch = Disable

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