CINT2000 Result

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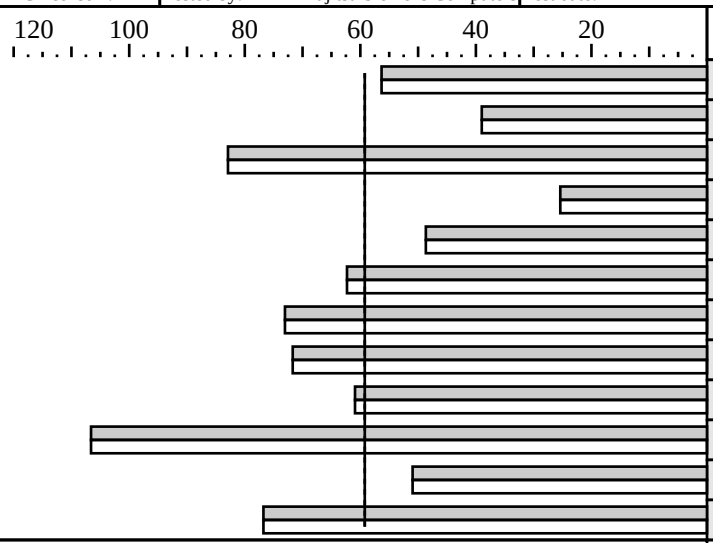
Fujitsu Siemens Computers

PRIMERGY RX300 S2, Dual-Core Intel Xeon 2.80 GHz

SPECint_rate2000 = 59.2

SPECint_rate_base2000 = 59.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	231	56.3	8	231	56.3
175.vpr	8	333	39.0	8	333	39.0
176.gcc	8	123	82.9	8	123	82.9
181.mcf	8	658	25.4	8	658	25.4
186.crafty	8	191	48.7	8	191	48.7
197.parser	8	268	62.3	8	268	62.3
252.eon	8	165	73.0	8	165	73.0
253.perlbmk	8	233	71.7	8	233	71.7
254.gap	8	168	60.9	8	168	60.9
255.vortex	8	165	107	8	165	107
256.bzip2	8	273	51.0	8	273	51.0
300.twolf	8	363	76.8	8	363	76.8

Hardware

CPU:	Dual-Core Intel Xeon 2.80 GHz (800 MHz bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem:	Fujitsu MAS3367NC (SCSI U320, 15krpm, 36GB)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ Compiler 9.0 Build 20050722Z (for 32-bit applications), Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries), SmartHeap Library Version 7.4 from http://www.microquill.com
File System:	NTFS
System State:	Default

Notes/Tuning Information

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

Portability flags
   176.gcc:     -Dalloca=_alloca /F10000000
   186.crafy:   -DNT_i386
   252.eon:     Approved srcalt stdcpp is used
   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)

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz
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Notes/Tuning Information (Continued)

This result was measured with 32-bit binaries using the 32-bit version of the operating system.

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