CINT2000 Result

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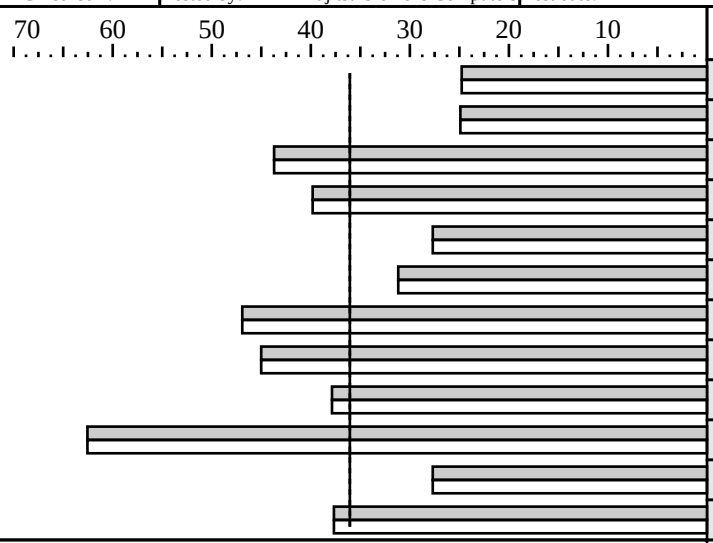
Fujitsu Siemens Computers

PRIMERGY RX100 S3, Intel Pentium D 940 processor, 3.20 GHz

SPECint_rate2000 = 36.1

SPECint_rate_base2000 = 36.1

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2006 | Hardware Avail: May-2006 | Software Avail: Oct-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	131	24.8	2	131	24.8
175.vpr	2	130	24.9	2	130	24.9
176.gcc	2	58.4	43.7	2	58.4	43.7
181.mcf	2	105	39.8	2	105	39.8
186.crafty	2	83.8	27.7	2	83.8	27.7
197.parser	2	134	31.2	2	134	31.2
252.eon	2	64.3	46.9	2	64.3	46.9
253.perlbmk	2	92.8	45.0	2	92.8	45.0
254.gap	2	67.4	37.9	2	67.4	37.9
255.vortex	2	70.5	62.6	2	70.5	62.6
256.bzip2	2	126	27.7	2	126	27.7
300.twolf	2	185	37.7	2	185	37.7

Hardware

CPU:	Intel Pentium D 940 processor (3.20 GHz, 2x2MB L2, 800 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
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:	4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem:	Seagate ST380013AS (SATA, 7.2krpm, 80GB)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ Compiler 9.0 Build 20051020Z (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

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

Portability flags
   176.gcc:     -Dalloca=_alloca /F10000000
   186.crafy:   -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 800 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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