CINT2000 Result

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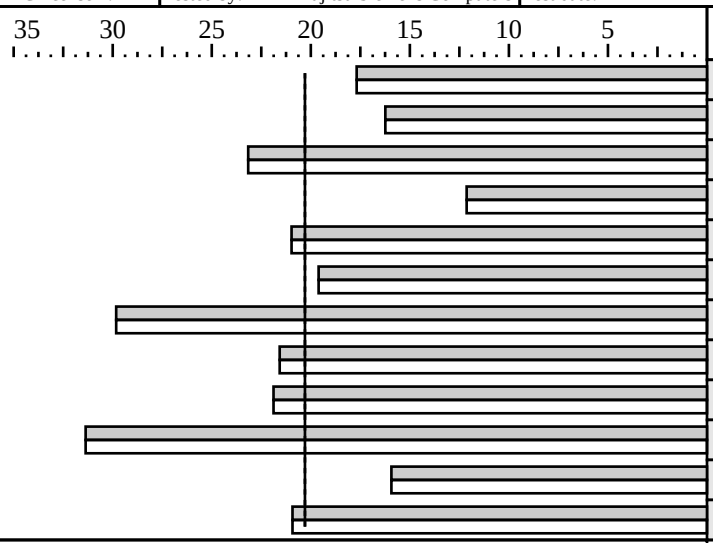
Fujitsu Siemens Computers
PRIMERGY RX220, AMD Opteron (TM) 254

SPECint_rate2000 = 20.3

SPECint_rate_base2000 = 20.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	91.8	17.7	1	91.8	17.7
175.vpr	1	100	16.2	1	100	16.2
176.gcc	1	55.1	23.2	1	55.1	23.2
181.mcf	1	172	12.1	1	172	12.1
186.crafty	1	55.3	21.0	1	55.3	21.0
197.parser	1	107	19.6	1	107	19.6
252.eon	1	50.6	29.8	1	50.6	29.8
253.perlbmk	1	96.8	21.6	1	96.8	21.6
254.gap	1	58.3	21.9	1	58.3	21.9
255.vortex	1	70.3	31.4	1	70.3	31.4
256.bzip2	1	109	15.9	1	109	15.9
300.twolf	1	166	20.9	1	166	20.9

Hardware

CPU:	AMD Opteron (TM) 254 processor (2.80 GHz)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	64KBI + 64KBD on chip
Secondary Cache:	1024KB (I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB DDR-RAM PC3200R
Disk Subsystem:	Western Digital WD2500 (SATA, 7.2krpm)
Other Hardware:	None

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ 8.0 Build 20040415Z (for 32-bit applications), Microsoft Visual Studio .NET 7.0.9466 (libraries)
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.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 -arch:SSE2 -Oi- +FDO
   for C++ programs: -fast -arch:SSE2 -GX -GR

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


boot options: /NoExecute=alwaysoff

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

the operating system.

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