CINT2000 Result

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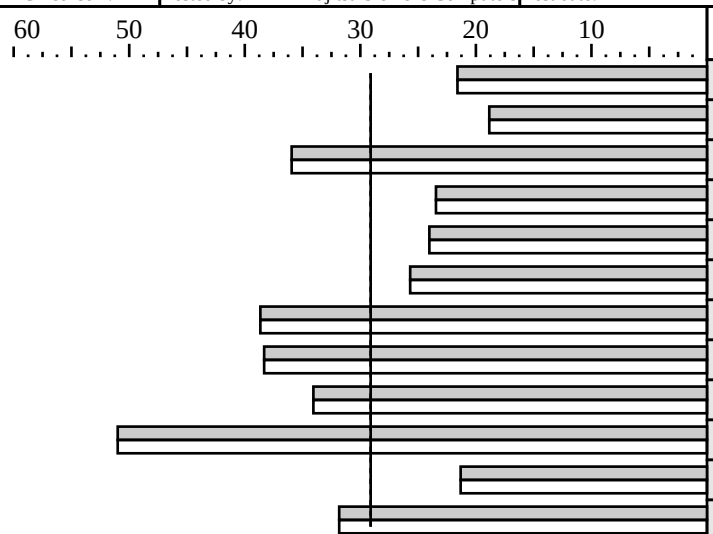
Fujitsu Siemens Computers
PRIMERGY TX150 S4, Intel Pentium D 820

SPECint_rate2000 = 29.1

SPECint_rate_base2000 = 29.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	150	21.6	2	150	21.6
175.vpr	2	172	18.8	2	172	18.8
176.gcc	2	71.0	35.9	2	71.0	35.9
181.mcf	2	178	23.5	2	178	23.5
186.crafty	2	96.6	24.0	2	96.6	24.0
197.parser	2	163	25.7	2	163	25.7
252.eon	2	78.0	38.7	2	78.0	38.7
253.perlbmk	2	109	38.3	2	109	38.3
254.gap	2	74.9	34.1	2	74.9	34.1
255.vortex	2	86.4	51.0	2	86.4	51.0
256.bzip2	2	163	21.3	2	163	21.3
300.twolf	2	219	31.8	2	219	31.8

Hardware

CPU:	Intel Pentium D 820 (2.80 GHz, 800 MHz bus)
CPU MHz:	2800
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:	1024KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048 MB DDRII-RAM PC2-4300
Disk Subsystem:	Fujitsu MAS3735NC (U320, 73GB, 15krpm)
Other Hardware:	

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

Peak tuning flags
   same as baseline (basepeak=yes 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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