CFP2000 Result

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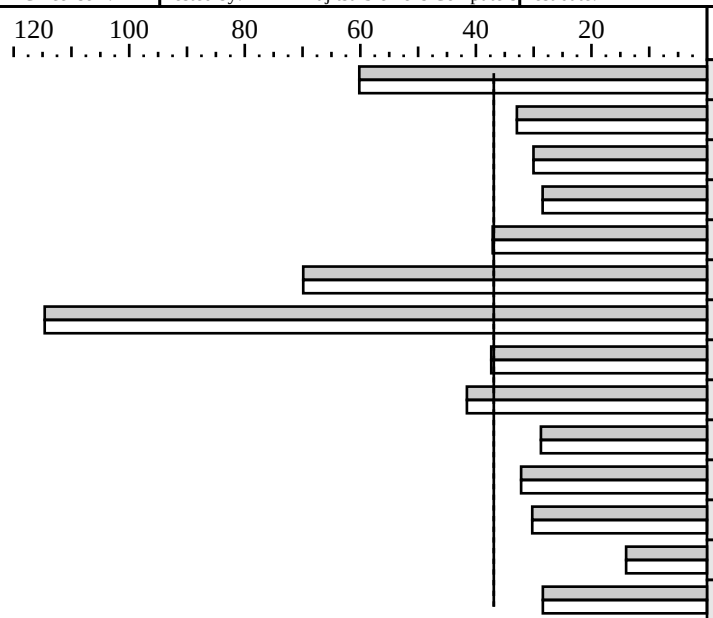
Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Pentium D processor 925, 3.0 GHz

SPECfp_rate2000 = 36.9

SPECfp_rate_base2000 = 36.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	61.7	60.2	2	61.7	60.2
171.swim	2	219	32.9	2	219	32.9
172.mgrid	2	139	30.0	2	139	30.0
173.applu	2	171	28.4	2	171	28.4
177.mesa	2	87.6	37.1	2	87.6	37.1
178.galgel	2	96.3	69.9	2	96.3	69.9
179.art	2	52.6	115	2	52.6	115
183.equake	2	80.8	37.3	2	80.8	37.3
187.facerec	2	106	41.6	2	106	41.6
188.ammp	2	178	28.7	2	178	28.7
189.lucas	2	144	32.2	2	144	32.2
191.fma3d	2	161	30.2	2	161	30.2
200.sixtrack	2	182	14.0	2	182	14.0
301.apsi	2	212	28.4	2	212	28.4

Hardware

CPU:	Intel Pentium D processor 925 (3.0 GHz, 2x2MB L2, 800 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
Parallel:	No
Primary Cache:	12k micro-ops(I) + 16KB(D) 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 ST3146854SS (SAS, 15.4krpm, 146GB)
Other Hardware:	none

Software

Operating System:	64-Bit SUSE LINUX Enterprise Server 10 Kernel 2.6.16.21-0.8-smp on an x86_64
Compiler:	Intel C++ and Fortran Compiler 9.0 for EM64T Build 20060120 (for 64-bit applications)
File System:	ext3
System State:	Multi-user run level 3

Notes/Tuning Information

```
GENERAL
+FDO implies feedback-directed optimization
PASS1: -prof_gen  PASS2: -prof_use

Optimization flags
ONESTEP=yes set for all benchmarks

Portability flags
-DSPEC_CPU2000_LP64 applied to all benchmarks
178.galgel: -FI for fixed-format Fortran

Base tuning flags
   for Fortran and C programs: -fast +FDO

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

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Notes/Tuning Information (Continued)

The system bus runs at 800 MHz

This result was measured with 64-bit binaries using the 64-bit version of the operating system.

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