CFP2000 Result

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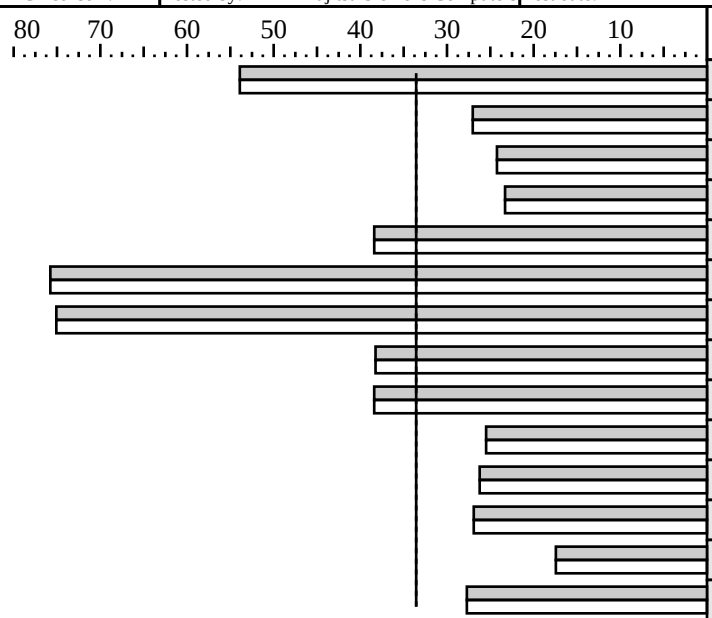
Fujitsu Siemens Computers

PRIMERGY RX200 S2, Intel Xeon processor 3.80GHz, 2MB L2

SPECfp_rate2000 = 33.6

SPECfp_rate_base2000 = 33.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	68.9	53.9	2	68.9	53.9
171.swim	2	266	27.0	2	266	27.0
172.mgrid	2	172	24.2	2	172	24.2
173.applu	2	209	23.3	2	209	23.3
177.mesa	2	84.6	38.4	2	84.6	38.4
178.galgel	2	88.8	75.8	2	88.8	75.8
179.art	2	80.3	75.1	2	80.3	75.1
183.equake	2	78.9	38.2	2	78.9	38.2
187.facerec	2	115	38.4	2	115	38.4
188.ammp	2	200	25.5	2	200	25.5
189.lucas	2	177	26.2	2	177	26.2
191.fma3d	2	181	26.9	2	181	26.9
200.sixtrack	2	146	17.4	2	146	17.4
301.apsi	2	218	27.7	2	218	27.7

Hardware

CPU:	Intel Xeon processor 3.80GHz, 2MB L2, 800MHz system bus
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per chip
Secondary Cache:	2048KB(I+D) on chip, per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem:	Fujitsu MAS3367NC (U320, 15krpm)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C and Fortran 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
   178.galgel:  -FI /F32000000

Base tuning flags
   for Fortran programs: -fast -Qansi_alias +FDO shlW32M.lib
   for C programs:       -fast +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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