CFP2000 Result

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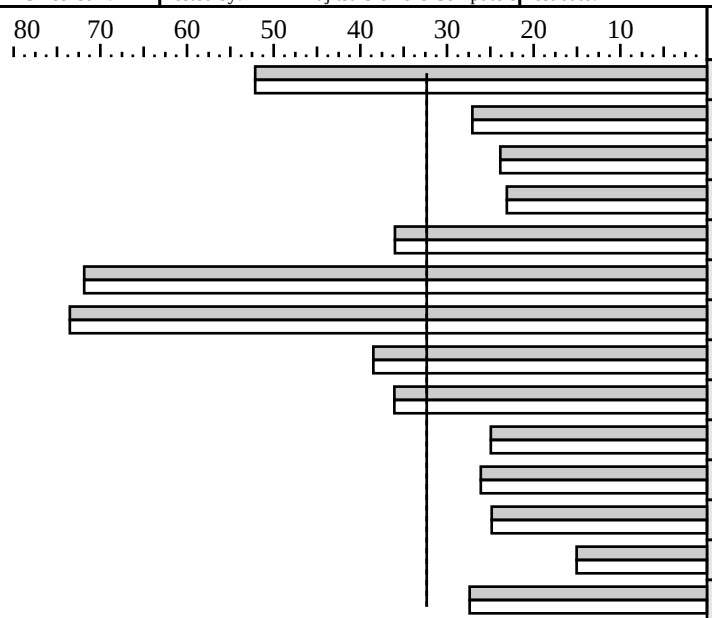
Fujitsu Siemens Computers

PRIMERGY RX300 S2, 64-bit Intel Xeon processor 3.60 GHz

SPECfp_rate2000 = 32.3

SPECfp_rate_base2000 = 32.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	71.2	52.1	2	71.2	52.1
171.swim	2	266	27.1	2	266	27.1
172.mgrid	2	175	23.8	2	175	23.8
173.applu	2	211	23.1	2	211	23.1
177.mesa	2	90.2	36.0	2	90.2	36.0
178.galgel	2	93.6	71.9	2	93.6	71.9
179.art	2	82.0	73.5	2	82.0	73.5
183.equake	2	78.3	38.5	2	78.3	38.5
187.facerec	2	122	36.1	2	122	36.1
188.ammp	2	205	24.9	2	205	24.9
189.lucas	2	178	26.1	2	178	26.1
191.fma3d	2	196	24.8	2	196	24.8
200.sixtrack	2	170	15.0	2	170	15.0
301.apsi	2	220	27.4	2	220	27.4

Hardware

CPU:	64-bit Intel Xeon processor (3.60 GHz, 800 MHz bus)
CPU MHz:	3600
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
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem:	Fujitsu MAS3367NC (SCSI U320 15 krpm)
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ and Fortran Compiler 8.1 Build 20050405 Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries) SmartHeap Library Version 6.03a 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
   -fast -Qansi_alias +FDO shlw32M.lib

Peak tuning flags
   same as baseline (basepeak=yes 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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