CFP2000 Result

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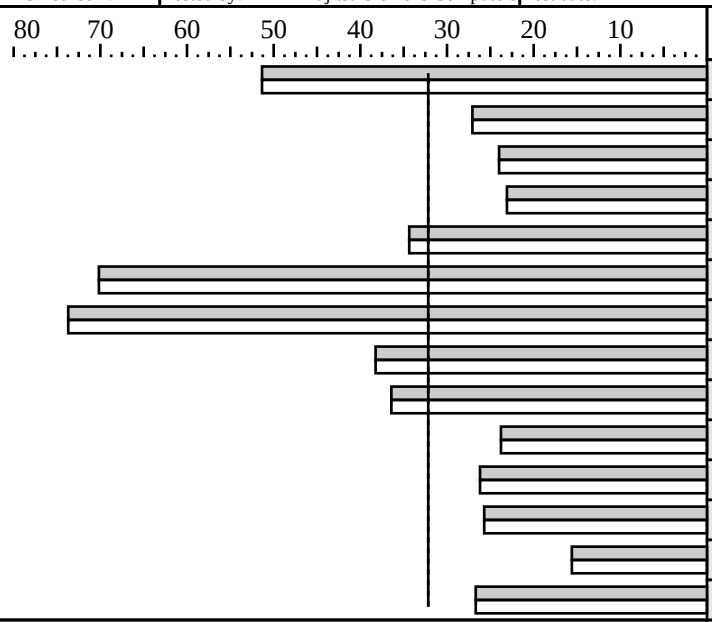
Fujitsu Siemens Computers

PRIMERGY RX200 S2, Intel Xeon processor 3.40GHz, 2MB L2

SPECfp_rate2000 = 32.2

SPECfp_rate_base2000 = 32.2

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	72.3	51.3	2	72.3	51.3
171.swim	2	266	27.1	2	266	27.1
172.mgrid	2	174	24.0	2	174	24.0
173.applu	2	211	23.1	2	211	23.1
177.mesa	2	94.5	34.4	2	94.5	34.4
178.galgel	2	95.9	70.2	2	95.9	70.2
179.art	2	81.8	73.7	2	81.8	73.7
183.equake	2	78.9	38.2	2	78.9	38.2
187.facerec	2	121	36.4	2	121	36.4
188.ammp	2	215	23.8	2	215	23.8
189.lucas	2	177	26.2	2	177	26.2
191.fma3d	2	190	25.7	2	190	25.7
200.sixtrack	2	164	15.6	2	164	15.6
301.apsi	2	226	26.7	2	226	26.7

Hardware

CPU:	Intel Xeon processor 3.40GHz, 2MB L2, 800MHz system bus
CPU MHz:	3400
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 core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem:	Seagate ST336753LC(U320 SCSI, 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

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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=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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