CFP2000 Result

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Fujitsu Siemens Computers

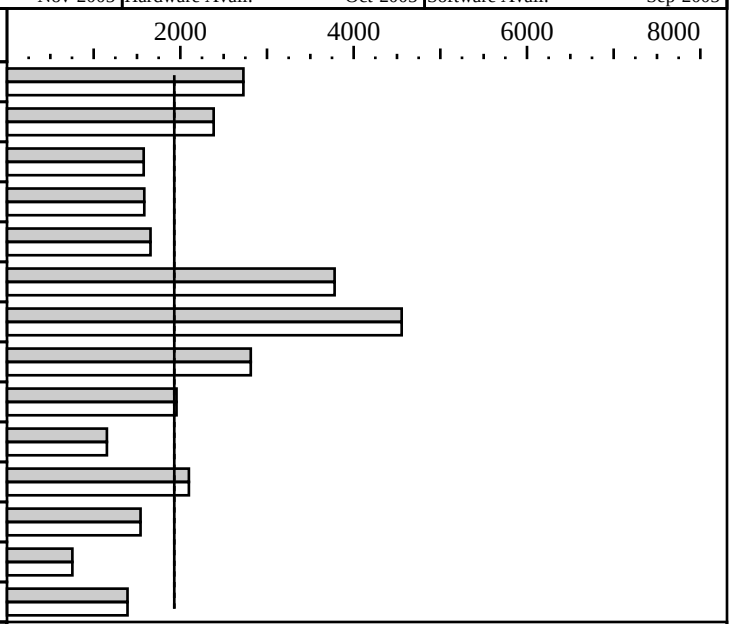
PRIMERGY RX200 S2, Intel Xeon processor 3.80GHz, 2MB L2

SPECfp2000 = 1930

SPECfp_base2000 = 1930

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	58.7	2728	58.7	2728
171.swim	3100	130	2385	130	2385
172.mgrid	1800	114	1577	114	1577
173.applu	2100	133	1584	133	1584
177.mesa	1400	84.5	1656	84.5	1656
178.galgel	2900	76.7	3780	76.7	3780
179.art	2600	57.1	4554	57.1	4554
183.equake	1300	46.2	2813	46.2	2813
187.facerec	1900	97.1	1956	97.1	1956
188.ammp	2200	191	1153	191	1153
189.lucas	2000	95.3	2099	95.3	2099
191.fma3d	2100	136	1541	136	1541
200.sixtrack	1100	146	754	146	754
301.apsi	2600	187	1391	187	1391



Hardware

CPU:	Intel Xeon processor 3.80GHz, 2MB L2, 800MHz system bus
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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=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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