CFP2000 Result

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Fujitsu Siemens Computers

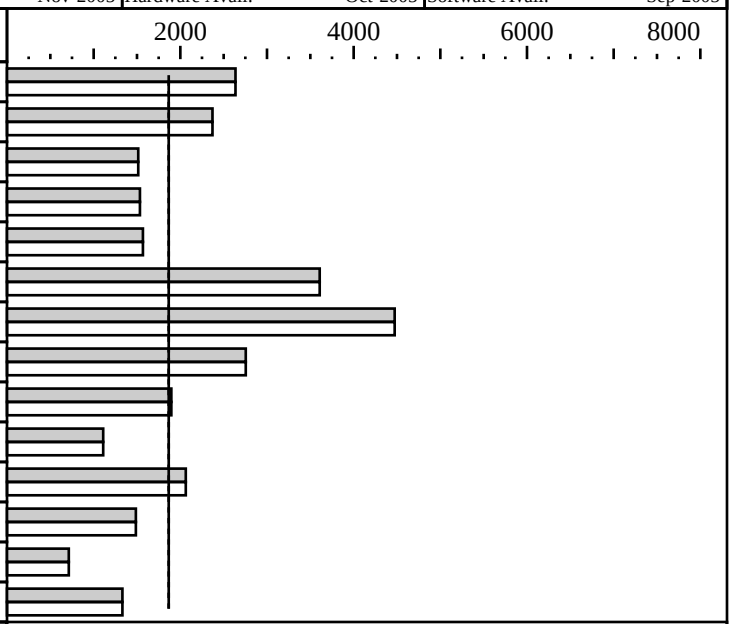
PRIMERGY RX200 S2, Intel Xeon processor 3.60GHz, 2MB L2

SPECfp2000 = 1866

SPECfp_base2000 = 1866

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	60.7	2636	60.7	2636
171.swim	3100	131	2371	131	2371
172.mgrid	1800	119	1514	119	1514
173.applu	2100	137	1534	137	1534
177.mesa	1400	89.3	1568	89.3	1568
178.galgel	2900	80.4	3608	80.4	3608
179.art	2600	58.1	4473	58.1	4473
183.equake	1300	47.2	2755	47.2	2755
187.facerec	1900	100	1896	100	1896
188.ammp	2200	198	1110	198	1110
189.lucas	2000	97.0	2063	97.0	2063
191.fma3d	2100	141	1487	141	1487
200.sixtrack	1100	154	713	154	713
301.apsi	2600	195	1332	195	1332



Hardware

CPU:	Intel Xeon processor 3.60GHz, 2MB L2, 800MHz system bus
CPU MHz:	3600
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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