CFP2000 Result

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Fujitsu Siemens Computers

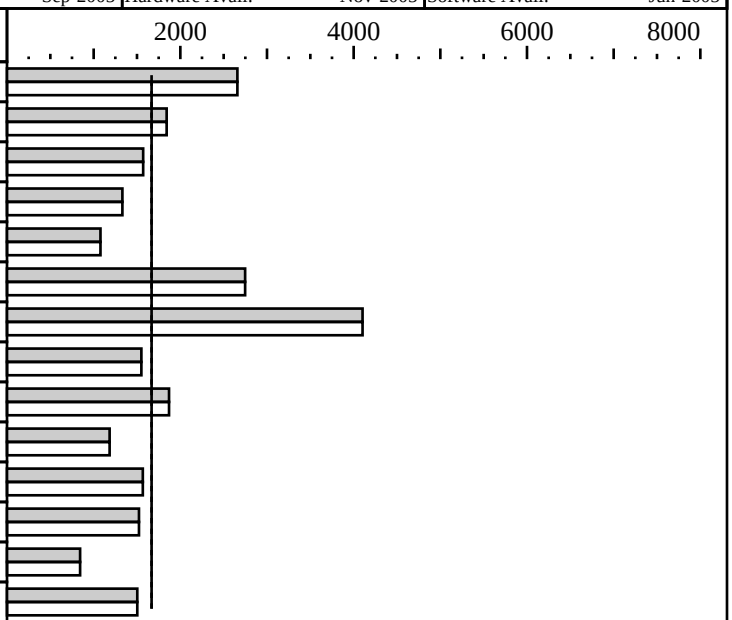
PRIMERGY RX220, AMD Opteron (TM) 254

SPECfp2000 = 1668

SPECfp_base2000 = 1668

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	60.2	2658	60.2	2658
171.swim	3100	168	1842	168	1842
172.mgrid	1800	115	1571	115	1571
173.applu	2100	158	1331	158	1331
177.mesa	1400	130	1078	130	1078
178.galgel	2900	106	2748	106	2748
179.art	2600	63.4	4103	63.4	4103
183.equake	1300	83.8	1550	83.8	1550
187.facerec	1900	102	1870	102	1870
188.ammp	2200	186	1184	186	1184
189.lucas	2000	128	1567	128	1567
191.fma3d	2100	138	1523	138	1523
200.sixtrack	1100	130	844	130	844
301.apsi	2600	173	1503	173	1503



Hardware

CPU:	AMD Opteron (TM) 254 processor (2.80 GHz)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	64KBI + 64KBD on chip
Secondary Cache:	1024KB (I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB DDR-RAM PC3200R
Disk Subsystem:	Western Digital WD2500 (SATA, 7.2krpm)
Other Hardware:	None

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	PGI Fortran compiler 6.0-4 for Windows XP, PGI C compiler 6.0-4 for Windows XP
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
+FDO: PASS1=-Mpfi  PASS2=-Mpfo
ONESTEP is set to 1 for every compile with the PGI compilers.

Portability flags
   178.galgel: -Mfixed

Base tuning flags
   for Fortran programs: -fastsse -Mipa=fast,inline +FDO
   for C programs:       -fastsse -Mipa=fast,inline

Peak tuning flags
   same as baseline (basepeak=yes set globally)


boot options: /NoExecute=alwaysoff
```

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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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