CFP2000 Result

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Fujitsu Siemens Computers

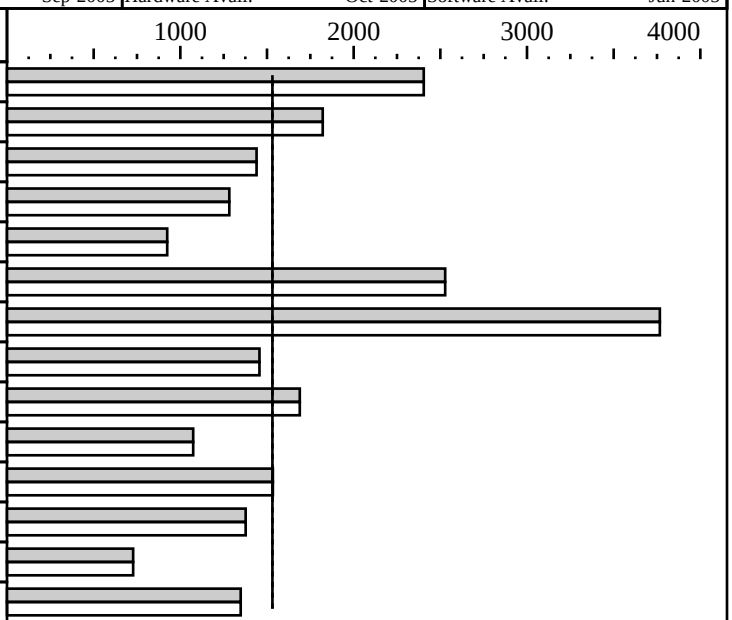
PRIMERGY BX630, AMD Opteron (TM) 250

SPECfp2000 = 1531

SPECfp_base2000 = 1531

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	66.5	2404	66.5	2404
171.swim	3100	170	1822	170	1822
172.mgrid	1800	125	1440	125	1440
173.applu	2100	164	1283	164	1283
177.mesa	1400	151	924	151	924
178.galgel	2900	115	2528	115	2528
179.art	2600	69.0	3766	69.0	3766
183.equake	1300	89.3	1457	89.3	1457
187.facerec	1900	112	1689	112	1689
188.ammp	2200	205	1074	205	1074
189.lucas	2000	130	1534	130	1534
191.fma3d	2100	153	1377	153	1377
200.sixtrack	1100	151	728	151	728
301.apsi	2600	193	1348	193	1348



Hardware

CPU:	AMD Opteron (TM) 250 processor (2.40 GHz)
CPU MHz:	2400
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:	Seagate ST3160023AS (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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