CFP2000 Result

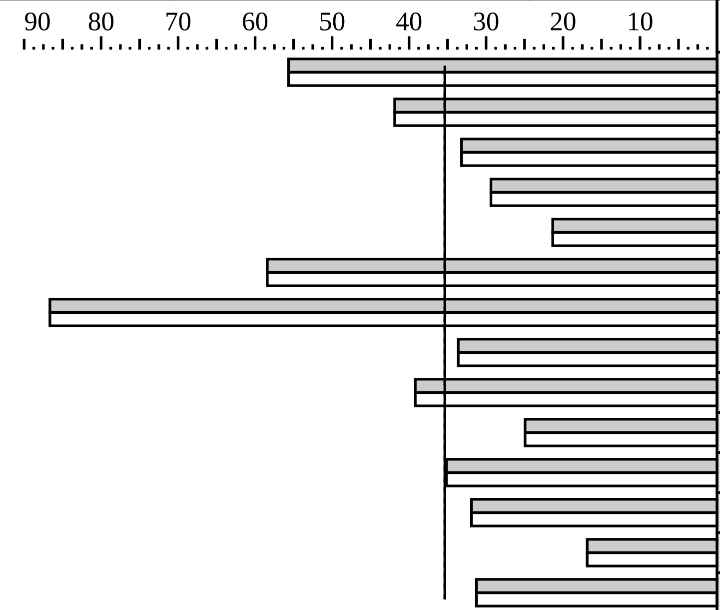
Fujitsu Siemens Computers

PRIMERGY BX630, AMD Opteron (TM) 850

SPECfp_rate2000 = 35.4

SPECfp_rate_base2000 = 35.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	66.7	55.6	2	66.7	55.6
171.swim	2	172	41.9	2	172	41.9
172.mgrid	2	126	33.2	2	126	33.2
173.applu	2	166	29.4	2	166	29.4
177.mesa	2	152	21.3	2	152	21.3
178.galgel	2	115	58.4	2	115	58.4
179.art	2	69.6	86.7	2	69.6	86.7
183.equake	2	89.7	33.6	2	89.7	33.6
187.facerec	2	112	39.2	2	112	39.2
188.ammp	2	205	24.9	2	205	24.9
189.lucas	2	132	35.2	2	132	35.2
191.fma3d	2	153	31.9	2	153	31.9
200.sixtrack	2	151	16.9	2	151	16.9
301.apsi	2	193	31.2	2	193	31.2

Hardware

CPU:	AMD Opteron (TM) 850 processor (2.40 GHz)
CPU MHz:	2400
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 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:	8x2048MB 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

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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)


'start /b /wait /affinity' command is used to bind CPU(s) to processes
boot options: /NoExecute=alwaysoff
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Notes/Tuning Information (Continued)

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This result was measured with 32-bit binaries using the 32-bit version of
the operating system.

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http://www.fujitsu-siemens.com/countries
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