CFP2000 Result

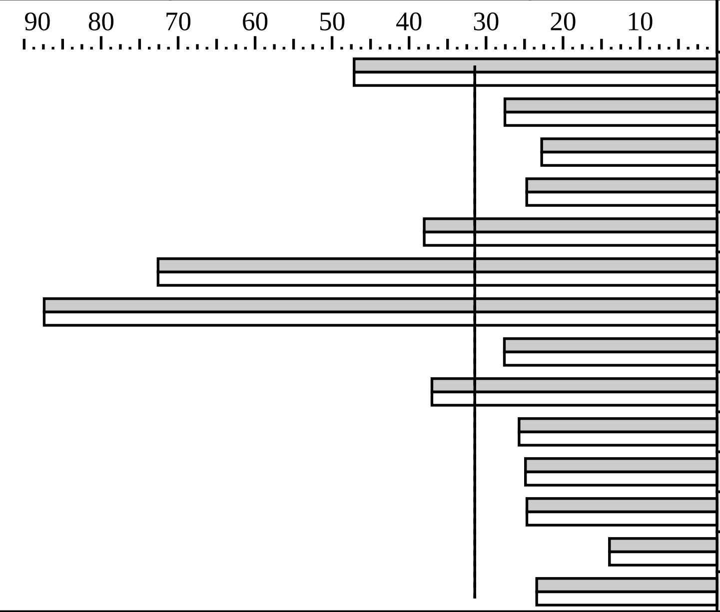
Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon 5110 processor, 1.60 GHz

SPECfp_rate2000 = 31.5

SPECfp_rate_base2000 = 31.5

SPEC license #:	22	Tested by:	Fujitsu Siemens Computers	Test date:	May-2006	Hardware Avail:	Jul-2006	Software Avail:	Jan-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	78.7	47.1	2	78.7	47.1
171.swim	2	261	27.5	2	261	27.5
172.mgrid	2	183	22.8	2	183	22.8
173.applu	2	197	24.7	2	197	24.7
177.mesa	2	85.4	38.0	2	85.4	38.0
178.galgel	2	92.7	72.6	2	92.7	72.6
179.art	2	69.0	87.4	2	69.0	87.4
183.equake	2	109	27.6	2	109	27.6
187.facerec	2	119	37.0	2	119	37.0
188.ammp	2	199	25.7	2	199	25.7
189.lucas	2	187	24.9	2	187	24.9
191.fma3d	2	197	24.7	2	197	24.7
200.sixtrack	2	183	14.0	2	183	14.0
301.apsi	2	258	23.4	2	258	23.4

Hardware

CPU:	Intel Xeon 5110 processor (1.60 GHz, 4MB L2, 1066 MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip, per core
Secondary Cache:	4096KB(I+D) on chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)
Disk Subsystem:	Seagate ST936701SS (SAS, 10 krpm, 36GB)
Other Hardware:	none

Software

Operating System:	64-Bit SUSE LINUX Enterprise Server 9 with SP3 Kernel 2.6.5-7.244-smp on an x86_64
Compiler:	Intel C++ and Fortran Compiler 9.0 for EM64T Build 20060120 (for 64-bit applications)
File System:	ext3
System State:	Multi-user run level 3

Notes/Tuning Information

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GENERAL
+FDO implies feedback-directed optimization
PASS1: -prof_gen  PASS2: -prof_use

Optimization flags
ONESTEP=yes set for all benchmarks

Portability flags
-DSPEC_CPU2000_LP64 applied to all benchmarks
178.galgel: -FI for fixed-format Fortran

Base tuning flags
   for Fortran and C programs: -fast +FDO

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

Notes/Tuning Information (Continued)

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The system bus runs at 1066 MHz

This result was measured with 64-bit binaries using the 64-bit version of
the operating system.

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