CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

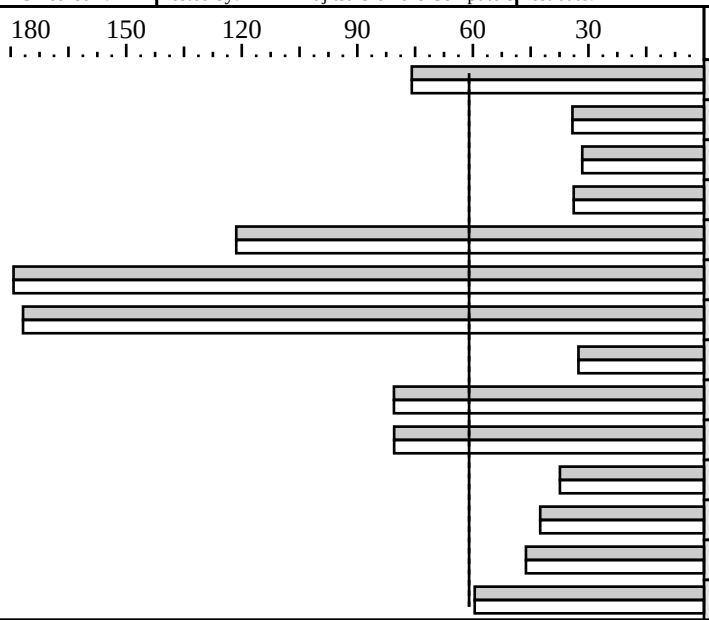
Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon processor X5355, 2.66 GHz

SPECfp_rate2000 = 61.0

SPECfp_rate_base2000 = 61.0

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Nov-2006 | Hardware Avail: Jan-2007 | Software Avail: Aug-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	97.9	75.9	4	97.9	75.9
171.swim	4	421	34.2	4	421	34.2
172.mgrid	4	264	31.6	4	264	31.6
173.applu	4	288	33.8	4	288	33.8
177.mesa	4	53.5	121	4	53.5	121
178.galgel	4	75.1	179	4	75.1	179
179.art	4	68.2	177	4	68.2	177
183.equake	4	185	32.6	4	185	32.6
187.facerec	4	110	80.5	4	110	80.5
188.ammp	4	127	80.4	4	127	80.4
189.lucas	4	248	37.4	4	248	37.4
191.fma3d	4	229	42.5	4	229	42.5
200.sixtrack	4	110	46.2	4	110	46.2
301.apsi	4	203	59.5	4	203	59.5

Hardware

CPU:	Intel Xeon processor X5355 (2.66 GHz, 2x4MB L2, 1333 MHz system bus)
CPU MHz:	2666
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	8MB(I+D) on chip, per chip (4MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem:	Seagate ST936701SS (SAS, 10 krpm, 36GB)
Other Hardware:	none

Software

Operating System:	64-Bit SUSE LINUX Enterprise Server 10 Kernel 2.6.16.21-0.8-smp on an x86_64
Compiler:	Intel C++ and Fortran Compiler 9.1 for EM64T Build 20060816 (for 64-bit applications)
File System:	reiserfs
System State:	Multi-user run level 3

Notes/Tuning Information

```
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)
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

The system bus runs at 1333 MHz

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

BIOS Configuration:
Adjacent Sector Prefetch = Disable

For information about Fujitsu Siemens Computers in your country please see:
http://www.fujitsu-siemens.com/countries