CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

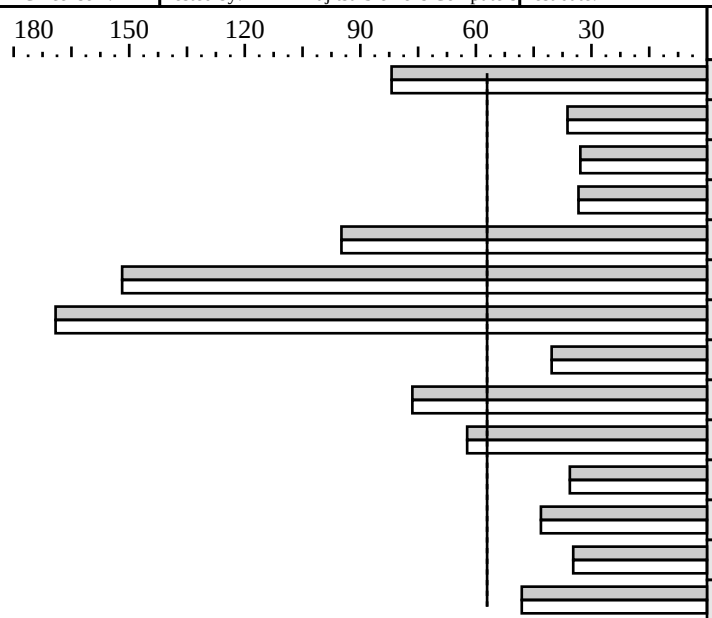
Fujitsu Siemens Computers

PRIMERGY TX200 S3, Intel Xeon processor 5130, 2.0 GHz

SPECfp_rate2000 = 57.1

SPECfp_rate_base2000 = 57.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	90.7	81.9	4	90.7	81.9
171.swim	4	397	36.2	4	397	36.2
172.mgrid	4	254	32.9	4	254	32.9
173.applu	4	292	33.4	4	292	33.4
177.mesa	4	68.4	94.9	4	68.4	94.9
178.galgel	4	88.6	152	4	88.6	152
179.art	4	71.3	169	4	71.3	169
183.equake	4	150	40.3	4	150	40.3
187.facerec	4	115	76.5	4	115	76.5
188.ammp	4	164	62.3	4	164	62.3
189.lucas	4	261	35.6	4	261	35.6
191.fma3d	4	226	43.1	4	226	43.1
200.sixtrack	4	147	34.7	4	147	34.7
301.apsi	4	251	48.1	4	251	48.1

Hardware

CPU:	Intel Xeon processor 5130 (2.0 GHz, 4MB L2, 1333 MHz system bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip, per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem:	Seagate ST336754SS (SAS, 15.4krpm, 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

```
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.

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