CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

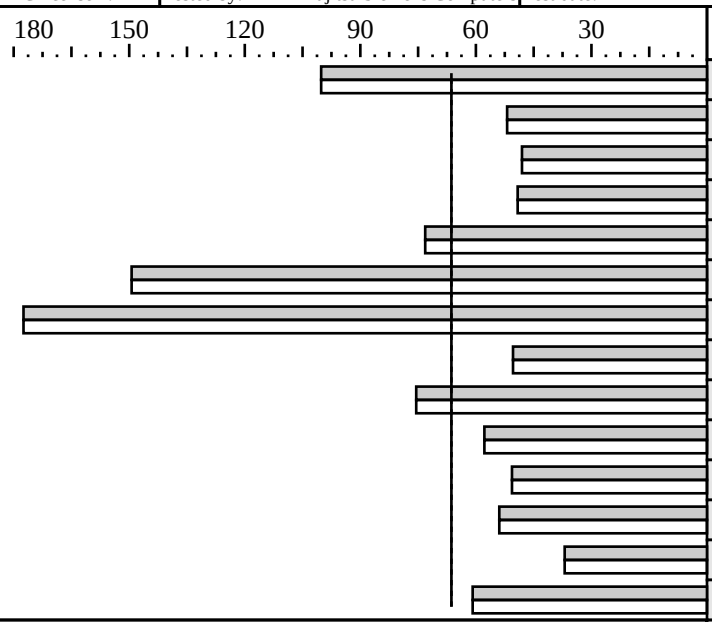
Fujitsu Siemens Computers

PRIMERGY RX600 S3, Intel Xeon processor 7130M, 3.20 GHz

SPECfp_rate2000 = 66.4

SPECfp_rate_base2000 = 66.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	148	100	8	148	100
171.swim	8	554	51.9	8	554	51.9
172.mgrid	8	348	48.0	8	348	48.0
173.applu	8	396	49.2	8	396	49.2
177.mesa	8	178	73.2	8	178	73.2
178.galgel	8	180	149	8	180	149
179.art	8	136	177	8	136	177
183.equake	8	240	50.4	8	240	50.4
187.facerec	8	234	75.5	8	234	75.5
188.ammp	8	353	57.8	8	353	57.8
189.lucas	8	367	50.6	8	367	50.6
191.fma3d	8	361	53.9	8	361	53.9
200.sixtrack	8	276	36.9	8	276	36.9
301.apsi	8	397	60.8	8	397	60.8

Hardware

CPU:	Intel Xeon processor 7130M (3.20 GHz, 2x1MB L2, 8MB L3, 800 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,4 chips
Parallel:	No
Primary Cache:	12k micro-ops(I) + 16KB(D) on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	8MB on chip, per chip
Other Cache:	N/A
Memory:	16x1GB DDRII-RAM PC2-3200R (CAS 3-3-3)
Disk Subsystem:	Fujitsu MAS3367NC (SCSI, 15krpm, 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 800 MHz

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

This result was measured on the PRIMERGY TX600 S3. The PRIMERGY TX600 S3 and the PRIMERGY RX600 S3 are electronically equivalent.

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