CFP2000 Result

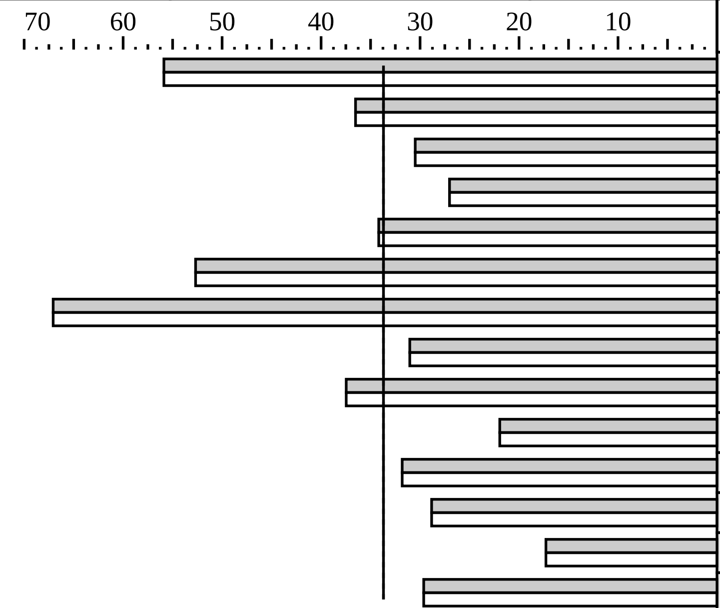
Fujitsu Siemens Computers

PRIMERGY TX600 S3, Intel Xeon processor 7120M, 3.0 GHz

SPECfp_rate2000 = 33.7

SPECfp_rate_base2000 = 33.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	133	55.9	4	133	55.9
171.swim	4	394	36.5	4	394	36.5
172.mgrid	4	274	30.5	4	274	30.5
173.applu	4	361	27.0	4	361	27.0
177.mesa	4	190	34.2	4	190	34.2
178.galgel	4	255	52.7	4	255	52.7
179.art	4	180	67.1	4	180	67.1
183.equake	4	194	31.0	4	194	31.0
187.facerec	4	235	37.5	4	235	37.5
188.ammp	4	465	21.9	4	465	21.9
189.lucas	4	292	31.8	4	292	31.8
191.fma3d	4	338	28.8	4	338	28.8
200.sixtrack	4	295	17.3	4	295	17.3
301.apsi	4	407	29.6	4	407	29.6

Hardware

CPU:	Intel Xeon processor 7120M (3.0 GHz, 2x1MB L2, 4MB L3, 800 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 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:	4MB 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

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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)
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Notes/Tuning Information (Continued)

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The system bus runs at 800 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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