Fujitsu Siemens Computers
PRIMERGY RX200 S3, Intel Xeon processor E5345, 2.33 GHz

SPECfp_rate2000 = 98.9
SPECfp_rate_base2000 = 98.9

Fujitsu Siemens Computers

Tested by: Fujitsu Siemens Computers
Test date: Nov-2006
Hardware Avail: Jan-2007
Software Avail: Aug-2006

Hardware

CPU: Intel Xeon processor E5345 (2.33 GHz, 2x4MB L2, 1333 MHz system bus)
CPU MHz: 2333
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 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 ST373454SS (SAS, 15.4krpm, 73GB)
Other Hardware: none

Software

Operating System: 64-Bit SUSE LINUX Enterprise Server 10
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)
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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

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