Fujitsu Siemens Computers
PRIMERGY BX620 S3, Intel Xeon processor E5320, 1.86 GHz

SPECfп_rate2000 = 77.8
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Hardware

CPU: Intel Xeon processor E5320 (1.86 GHz, 2x8MB L2, 1066 MHz system bus)
CPU MHz: 1866
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 ST936701SS (SAS, 10 krpm, 36GB)
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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SPECfp_rate_base2000 = 77.8

Notes/Tuning Information (Continued)

The system bus runs at 1066 MHz

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

BIOS Configuration:
Adjacent Cache Line Prefetch = Disable

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