**Fujitsu Siemens Computers**  
**PRIMERGY RX600 S3, Intel Xeon processor 7110M, 2.60 GHz**

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**Hardware**

- **CPU:** Intel Xeon processor 7110M (2.60 GHz, 2x1MB L2, 40MB L3, 800 MHz system bus)
- **CPU MHz:** 2600
- **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 PC2-1200R (CAS 3-3-3)
- **Disk Subsystem:** Fujitsu MAS3367NC (SCSI, 15krpm, 36GB)
- **Other Hardware:** none

**Operating System:** 64-Bit SUSE LINUX Enterprise Server 9 with SP3
**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)
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.

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