NEC Corporation
TX7/i9510(1000MHz, Itanium 2)

SPECfp_rate2000 = --
SPECfp_rate_base2000 = 303

Hardware
CPU: Itanium2
CPU MHz: 1000
FPU: Integrated
CPU(s) enabled: 32 cores, 32 chips, 1 core/chip
CPU(s) orderable: 1-32
Parallel: No
Primary Cache: 16KBI + 16KBD on chip
Secondary Cache: 256KB on chip
L3 Cache: 3MB on chip
Other Cache: None
Memory: 64GB
Disk Subsystem: 3x32GB + 11x73GB SCSI disk
Other Hardware: Ethernet

Software
Operating System: NEC IA-64 Linux R3.2
Compiler: NEC FORTRAN95 R3.2
NEC C/C++ R3.2
File System: ext2
System State: Multi-user

Notes/Tuning Information
Base tuning:
Fortran: -O3 -ipo -ftz +FDO
C: -O3 -ipo -ftz +FDO
+FDO:
PASS1: -prof_gen
PASS2: -prof_use
Portability: 178.galgel: -FI

11x73GB SCSI disk system setup as big work area with no striping.
3x32GB SCSI disk system setup: 1 disk for OS installing area, 2
disks for users area, and both disks are no striping. The SPEC
benchmark environment was on the users area, and the compiler
was located on the same disk with the OS installing area.