



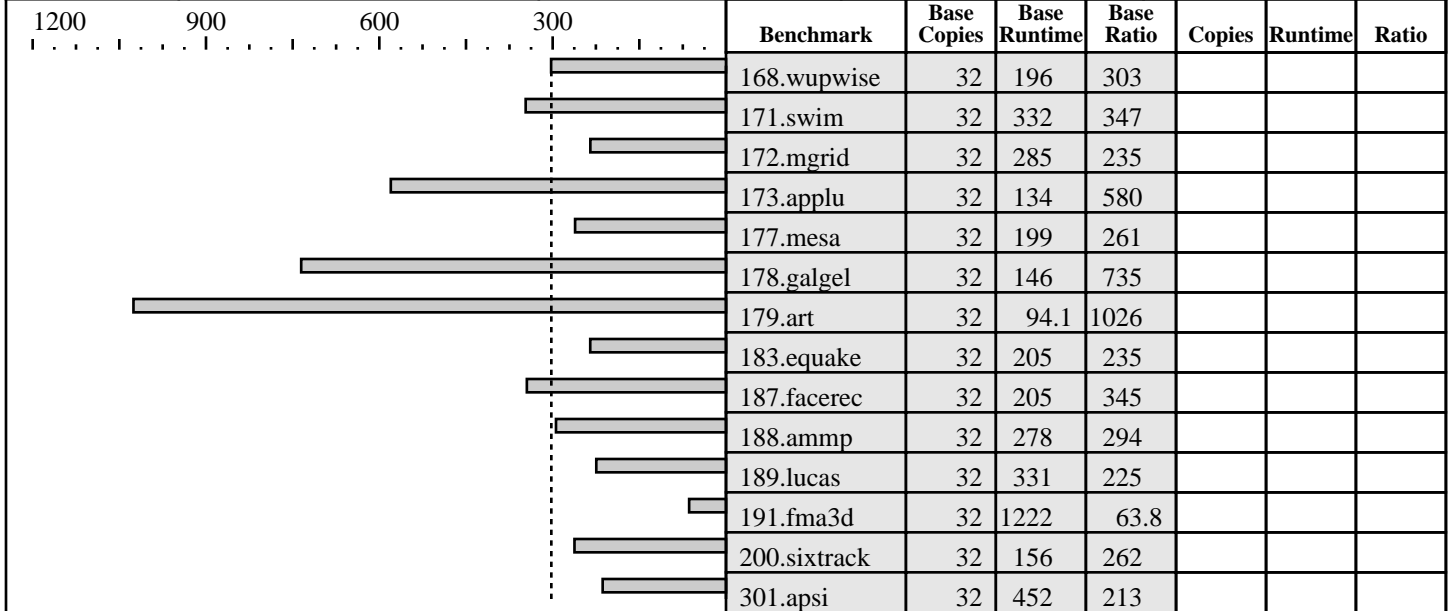
CFP2000 Result

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

SPECfp_rate2000 = --
SPECfp_rate_base2000 = 303

SPEC license #: 1184 | Tested by: NEC T.Kokubo | Test date: Dec-2002 | Hardware Avail: Aug-2002 | Software Avail: Nov-2002



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.