



CFP2000 Result

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NEC Corporation
TX7/i9010(1000MHz, Itanium 2)

SPECfp_rate2000 = --
SPECfp_rate_base2000 = 159

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	16	193	154			
171.swim	16	328	176			
172.mgrid	16	282	118			
173.applu	16	132	295			
177.mesa	16	201	129			
178.galgel	16	149	360			
179.art	16	140	345			
183.quake	16	202	120			
187.facerec	16	202	175			
188.amp	16	285	143			
189.lucas	16	324	115			
191.fma3d	16	537	72.6			
200.sixtrack	16	127	160			
301.apsi	16	440	110			

Hardware

CPU: Itanium2
 CPU MHz: 1000
 FPU: Integrated
 CPU(s) enabled: 16 cores, 16 chips, 1 core/chip
 CPU(s) orderable: 1-16
 Parallel: No
 Primary Cache: 16KBI + 16KBD on chip
 Secondary Cache: 256KB on chip
 L3 Cache: 3MB on chip
 Other Cache: None
 Memory: 32GB
 Disk Subsystem: 4x32GB 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