



CFP2000 Result

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Hewlett-Packard Company

ProLiant ML350 G5 (2.0 GHz, Intel Xeon processor 5130)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 63.1

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Nov-2006 Hardware Avail: Jun-2006 Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	75.2	98.8			
171.swim	4	331	43.5			
172.mgrid	4	208	40.2			
173.applu	4	252	38.7			
177.mesa	4	69.3	93.7			
178.galgel	4	84.8	159			
179.art	4	63.2	191			
183.quake	4	140	43.1			
187.facerec	4	106	83.2			
188.amp	4	163	62.5			
189.lucas	4	221	42.0			
191.fma3d	4	199	49.1			
200.sixtrack	4	146	35.0			
301.apsi	4	235	51.3			

Hardware

CPU: Intel Xeon processor 5130 (1333 MHz system bus)
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2 chips
 Parallel: No
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4 MB I+D on chip per chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 GB (4x2 GB PC2-5300F)
 Disk Subsystem: 1 x 36 GB 10 K SAS
 Other Hardware:

Software

Operating System: RedHat Enterprise Linux 4.0 Advanced Server for AMD64/EM64T, Update 3
 Kernel 2.6.9-34.ELsmp
 Compiler: Intel C++ Compiler for EM64T-based applications, (Version 9.1 Build 20060323)
 Intel Fortran Compiler for EM64T-based applications, (Version 9.1 Build 20060323)
 File System: ext2
 System State: Multi-user run level 3

Notes/Tuning Information

+FDO: PASS1= -prof_gen PASS2=-prof_use (Intel Compiler)
 ifort is the Intel Fortran compiler, icc is the Intel C++ compiler
 Base tuning for C programs: icc -fast -auto_ilp32 +FDO
 Base tuning for FORTRAN programs: ifort -fast +FDO
 Portability:
 -DSPEC_CPU2000_LP64 applied to all benchmarks
 178.galgel: -FI
 BIOS Configuration Notes
 Power Regulator set to Static High