



CFP2000 Result

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Hewlett-Packard Company
ProLiant DL140 G3 (1.6GHz, Intel Xeon processor 5110)

SPECfp_rate2000 = --
SPECfp_rate_base2000 = 58.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	83.8	88.6			
171.swim	4	319	45.2			
172.mgrid	4	224	37.3			
173.applu	4	218	44.7			
177.mesa	4	83.9	77.5			
178.galgel	4	93.3	144			
179.art	4	66.9	180			
183.quake	4	158	38.2			
187.facerec	4	114	77.6			
188.amp	4	205	49.9			
189.lucas	4	187	49.7			
191.fma3d	4	217	44.8			
200.sixtrack	4	187	27.3			
301.apsi	4	269	44.8			

Hardware

CPU: Intel Xeon processor 5110 (1.6GHz, 4MB L2, 1066MHz bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 32KB (I) + 32KB (D) (on chip) per core
Secondary Cache: 4096KB(I+D) (on chip) shared
L3 Cache: N/A
Other Cache: N/A
Memory: 16 GB (8x2048 PC2-5300F)
Disk Subsystem: 1x146GB SATA
Other Hardware:

Software

Operating System: SuSE Linux Enterprise Server 9 (x86_64) SP3
SuSE kernel 2.6.5-7.244-smp
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: Default

Notes/Tuning Information

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+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
```