



CFP2000 Result

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Hewlett-Packard Company
hp workstation zx2000 (900 MHz, Itanium 2)

SPECfp2000 = 1086

SPECfp_base2000 = 1086

SPEC license #: 3 Tested by: HP Fort Collins Test date: Nov-2002 Hardware Avail: Sep-2002 Software Avail: Nov-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	172	928	172	928	
171.swim	3100	124	2505	124	2505	
172.mgrid	1800	119	1514	119	1514	
173.applu	2100	108	1939	108	1939	
177.mesa	1400	216	649	216	649	
178.galgel	2900	202	1435	202	1435	
179.art	2600	179	1450	179	1450	
183.earthquake	1300	81.5	1594	81.5	1594	
187.facerec	1900	203	935	203	935	
188.amp	2200	347	634	347	634	
189.lucas	2000	176	1137	176	1137	
191.fma3d	2100	307	683	307	683	
200.sixtrack	1100	142	773	142	773	
301.apsi	2600	427	609	427	609	

Hardware

CPU: Intel Itanium 2
 CPU MHz: 900
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: no
 Primary Cache: 16KBI + 16KBD (on chip) per CPU
 Secondary Cache: 256KB (on chip) per CPU
 L3 Cache: 1.5MB (on chip) per CPU
 Other Cache: N/A
 Memory: 3GB
 Disk Subsystem: 1x36GB SCSI disk
 Other Hardware: N/A

Software

Operating System: Red Hat Linux Advanced Workstation 2.1 for the Itanium Processor
 Compiler: Intel(R) C++ Compiler for Linux 7.0
 Intel(R) Fortran Compiler for Linux 7.0
 File System: ext3
 System State: Multi-user

Notes/Tuning Information

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+FDO: PASS1=-prof_gen PASS2=-prof_use
Base tuning:
C programs:      -ipo -O3 +FDO -ansi_alias
Fortran programs: -ipo -O3 +FDO
Portability:
178.galgel: -FI
```

Peak flags same as baseline (basepeak=true set globally)