



CFP2000 Result

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Hewlett-Packard Company
hp workstation zx6000 (900 MHz, Itanium 2)

SPECfp2000 = 1139
SPECfp_base2000 = 1139

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	169	947	169	947	
171.swim	3100	100	3087	100	3087	
172.mgrid	1800	110	1633	110	1633	
173.applu	2100	106	1978	106	1978	
177.mesa	1400	215	652	215	652	
178.galgel	2900	205	1417	205	1417	
179.art	2600	164	1585	164	1585	
183.earthquake	1300	77.6	1675	77.6	1675	
187.facerec	1900	186	1019	186	1019	
188.amp	2200	344	639	344	639	
189.lucas	2000	167	1201	167	1201	
191.fma3d	2100	294	715	294	715	
200.sixtrack	1100	142	772	142	772	
301.apsi	2600	423	615	423	615	

Hardware

CPU: Intel Itanium 2
CPU MHz: 900
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1-2
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: 6GB (12 * 512MB dimms)
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

```
+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)

Note:
EFI shell utility 'cpuconfig' used
to deconfigure other processor