



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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

SPECfp2000 = --
SPECfp_base2000 = 1050

SPEC license #: 3 Tested by: HP Ft. Collins Test date: Jul-2002 Hardware Avail: Sep-2002 Software Avail: Sep-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	177	905		
171.swim	3100	133	2328		
172.mgrid	1800	130	1389		
173.aplu	2100	117	1792		
177.mesa	1400	244	575		
178.galgel	2900	161	1803		
179.art	2600	157	1661		
183.earth	1300	82.5	1576		
187.facerec	1900	244	780		
188.amp	2200	386	571		
189.lucas	2000	196	1021		
191.fma3d	2100	320	656		
200.sixtrack	1100	143	768		
301.apsi	2600	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: 2 GB (4 * 512MB DIMMs)
 Disk Subsystem: One 36GB HDD
 Other Hardware:

Software

Operating System: Linux64 Debian 3.0 with 2.4.18 kernel for Itanium2/zx1
 Compiler: Intel C++ and Fortran Compiler 6.0.1 for Linux
 File System: ext2
 System State: Multi-User

Notes/Tuning Information

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