



CFP2000 Result

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Hewlett-Packard Company
HP Integrity Server rx1600 (1000 MHz, Itanium 2)

SPECfp2000 = 1382
SPECfp_base2000 = 1382

SPEC license #: 3 Tested by: HP Richardson Test date: Jan-2004 Hardware Avail: Mar-2004 Software Avail: Jan-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	157	1017	157	1017	
171.swim	3100	90.4	3430	90.4	3430	
172.mgrid	1800	92.9	1937	92.9	1937	
173.applu	2100	85.8	2447	85.8	2447	
177.mesa	1400	173	807	173	807	
178.galgel	2900	132	2204	132	2204	
179.art	2600	135	1925	135	1925	
183.earth	1300	65.6	1981	65.6	1981	
187.facerec	1900	159	1195	159	1195	
188.amp	2200	279	788	279	788	
189.lucas	2000	128	1561	128	1561	
191.fma3d	2100	240	873	240	873	
200.sixtrack	1100	124	889	124	889	
301.apsi	2600	358	726	358	726	

Hardware

CPU: Intel Itanium 2
 CPU MHz: 1000
 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: 8GB (8 * 1GB DIMMs)
 Disk Subsystem: 1x73GB 15k RPM SCSI disk
 Other Hardware: N/A

Software

Operating System: Red Hat Linux Advanced Server release 2.1AS (Update 2)
 Compiler: Intel C++ Compiler 8.0 for Linux, Build 20031017
 Intel Fortran Compiler 8.0 for Linux, Build 20031017
 File System: ext3
 System State: Multi-user

Notes/Tuning Information

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

Peak flags same as baseline (basepeak=true set globally)
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Note:
 'ELILO boot: linux maxcpus=0' used to
 deconfigure other processors if necessary