



CFP2000 Result

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Hewlett-Packard Company
HP Integrity Server rx2600 (1300 MHz, Itanium 2)

SPECfp2000 = **1808**
SPECfp_base2000 = **1808**

SPEC license #: 3 Tested by: HP Richardson Test date: Oct-2003 Hardware Avail: Jul-2003 Software Avail: Jul-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	126	1272	126	1272	
171.swim	3100	85.3	3633	85.3	3633	
172.mgrid	1800	85.2	2112	85.2	2112	
173.applu	2100	70.5	2979	70.5	2979	
177.mesa	1400	142	989	142	989	
178.galgel	2900	84.6	3428	84.6	3428	
179.art	2600	48.1	5400	48.1	5400	
183.equake	1300	52.8	2462	52.8	2462	
187.facerec	1900	122	1551	122	1551	
188.amp	2200	190	1159	190	1159	
189.lucas	2000	124	1619	124	1619	
191.fma3d	2100	215	975	215	975	
200.sixtrack	1100	92.6	1188	92.6	1188	
301.apsi	2600	288	902	288	902	

Hardware

CPU: Intel Itanium 2
 CPU MHz: 1300
 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: 3.0MB (on chip) per CPU
 Other Cache: N/A
 Memory: 12GB (12 * 1GB DIMMs)
 Disk Subsystem: 1x36GB 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 7.1 for Linux, Build 20030307
 Intel Fortran Compiler 7.1 for Linux, Build 20030307
 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)

Note:
'ELILO boot: linux maxcpus=0' used to
deconfigure other processors if necessary
```