



# CFP2000 Result

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Hewlett-Packard Company  
hp server rx2600 (900 MHz, Itanium 2)

SPECfp2000 = 1151  
SPECfp\_base2000 = 1151

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	168	953	168	953
171.swim	3100	104	2982	104	2982
172.mgrid	1800	109	1653	109	1653
173.applu	2100	106	1982	106	1982
177.mesa	1400	214	653	214	653
178.galgel	2900	197	1473	197	1473
179.art	2600	158	1646	158	1646
183.earth	1300	75.0	1734	75.0	1734
187.facerec	1900	187	1019	187	1019
188.amp	2200	335	657	335	657
189.lucas	2000	168	1190	168	1190
191.fma3d	2100	291	722	291	722
200.sixtrack	1100	142	775	142	775
301.apsi	2600	413	630	413	630

### 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 Server 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 processors