



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
hp server rx2600 (1000 MHz, Itanium 2)

SPECfp2000 = 1427  
SPECfp\_base2000 = 1427

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	154	1039	154	1039
171.swim	3100	96.6	3209	96.6	3209
172.mgrid	1800	98.6	1826	98.6	1826
173.applu	2100	96.8	2170	96.8	2170
177.mesa	1400	193	726	193	726
178.galgel	2900	112	2585	112	2585
179.art	2600	59.4	4379	59.4	4379
183.earth	1300	67.9	1915	67.9	1915
187.facerec	1900	157	1214	157	1214
188.amp	2200	243	907	243	907
189.lucas	2000	154	1298	154	1298
191.fma3d	2100	270	778	270	778
200.sixtrack	1100	122	903	122	903
301.apsi	2600	374	694	374	694

### 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: 3.0MB (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