



CFP2000 Result

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Hewlett-Packard Company
hp server rx5670 (1000 MHz, Itanium 2)

SPECfp2000 = 1431
SPECfp_base2000 = 1431

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	155	1032	155	1032
171.swim	3100	91.9	3373	91.9	3373
172.mgrid	1800	97.0	1855	97.0	1855
173.applu	2100	96.2	2183	96.2	2183
177.mesa	1400	193	726	193	726
178.galgel	2900	114	2554	114	2554
179.art	2600	62.2	4178	62.2	4178
183.earth	1300	67.8	1918	67.8	1918
187.facerec	1900	151	1256	151	1256
188.amp	2200	243	904	243	904
189.lucas	2000	151	1321	151	1321
191.fma3d	2100	271	776	271	776
200.sixtrack	1100	122	903	122	903
301.apsi	2600	381	683	381	683

Hardware

CPU: Intel Itanium 2
CPU MHz: 1000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1-4
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 (48 * 256MB DIMMs - 2 memory carriers)
Disk Subsystem: 1x73GB 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