



CFP2000 Result

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Hewlett-Packard Company
hp server rx5670 (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	951	168	951	
171.swim	3100	98.9	3133	98.9	3133	
172.mgrid	1800	108	1669	108	1669	
173.applu	2100	105	1997	105	1997	
177.mesa	1400	214	653	214	653	
178.galgel	2900	193	1504	193	1504	
179.art	2600	172	1512	172	1512	
183.earth	1300	75.2	1728	75.2	1728	
187.facerec	1900	184	1033	184	1033	
188.amp	2200	342	643	342	643	
189.lucas	2000	165	1216	165	1216	
191.fma3d	2100	292	718	292	718	
200.sixtrack	1100	142	772	142	772	
301.apsi	2600	417	624	417	624	

Hardware

CPU: Intel Itanium 2
CPU MHz: 900
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: 1.5MB (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