



CFP2000 Result

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

SPECfp_rate2000 = 13.4

SPECfp_rate_base2000 = 13.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	168	11.1	1	168	11.1
171.swim	1	104	34.6	1	104	34.6
172.mgrid	1	109	19.2	1	109	19.2
173.applu	1	106	23.0	1	106	23.0
177.mesa	1	214	7.57	1	214	7.57
178.galgel	1	197	17.1	1	197	17.1
179.art	1	158	19.1	1	158	19.1
183.quake	1	75.0	20.1	1	75.0	20.1
187.facerec	1	187	11.8	1	187	11.8
188.amp	1	335	7.62	1	335	7.62
189.lucas	1	168	13.8	1	168	13.8
191.fma3d	1	291	8.38	1	291	8.38
200.sixtrack	1	142	9.00	1	142	9.00
301.apsi	1	413	7.30	1	413	7.30

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