



CFP2000 Result

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

SPECfp_rate2000 = 29.9
SPECfp_rate_base2000 = 29.9

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	2	160	23.2	2	160	23.2
171.swim	2	157	45.8	2	157	45.8
172.mgrid	2	130	32.0	2	130	32.0
173.applu	2	100	48.6	2	100	48.6
177.mesa	2	193	16.8	2	193	16.8
178.galgel	2	115	58.6	2	115	58.6
179.art	2	59.1	102	2	59.1	102
183.equake	2	82.8	36.4	2	82.8	36.4
187.facerec	2	170	25.9	2	170	25.9
188.amp	2	248	20.6	2	248	20.6
189.lucas	2	183	25.4	2	183	25.4
191.fma3d	2	286	17.0	2	286	17.0
200.sixtrack	2	122	20.9	2	122	20.9
301.apsi	2	381	15.8	2	381	15.8

Hardware

CPU: Intel Itanium 2
 CPU MHz: 1000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 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