



CFP2000 Result

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

SPECfp_rate2000 = 16.6
SPECfp_rate_base2000 = 16.6

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	154	12.1	1	154	12.1
171.swim	1	96.6	37.2	1	96.6	37.2
172.mgrid	1	98.6	21.2	1	98.6	21.2
173.applu	1	96.8	25.2	1	96.8	25.2
177.mesa	1	193	8.42	1	193	8.42
178.galgel	1	112	30.0	1	112	30.0
179.art	1	59.4	50.8	1	59.4	50.8
183.equake	1	67.9	22.2	1	67.9	22.2
187.facerec	1	157	14.1	1	157	14.1
188.amp	1	243	10.5	1	243	10.5
189.lucas	1	154	15.1	1	154	15.1
191.fma3d	1	270	9.02	1	270	9.02
200.sixtrack	1	122	10.5	1	122	10.5
301.apsi	1	374	8.06	1	374	8.06

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