



CFP2000 Result

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Hewlett-Packard Company
hp server rx5670 (900 MHz, Itanium 2)

SPECfp_rate2000 = 24.5
SPECfp_rate_base2000 = 24.5

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	174	21.4	2	174	21.4
171.swim	2	137	52.5	2	137	52.5
172.mgrid	2	131	31.8	2	131	31.8
173.applu	2	109	44.9	2	109	44.9
177.mesa	2	215	15.1	2	215	15.1
178.galgel	2	202	33.2	2	202	33.2
179.art	2	195	30.9	2	195	30.9
183.quake	2	88.1	34.2	2	88.1	34.2
187.facerec	2	198	22.3	2	198	22.3
188.amp	2	348	14.7	2	348	14.7
189.lucas	2	179	25.9	2	179	25.9
191.fma3d	2	309	15.8	2	309	15.8
200.sixtrack	2	144	17.8	2	144	17.8
301.apsi	2	429	14.1	2	429	14.1

Hardware

CPU: Intel Itanium 2
 CPU MHz: 900
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 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