



CFP2000 Result

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

SPECfp_rate2000 = 38.7
SPECfp_rate_base2000 = 38.7

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	4	182	40.8	4	182	40.8
171.swim	4	278	51.8	4	278	51.8
172.mgrid	4	254	32.9	4	254	32.9
173.applu	4	122	79.7	4	122	79.7
177.mesa	4	215	30.2	4	215	30.2
178.galgel	4	260	51.8	4	260	51.8
179.art	4	282	42.8	4	282	42.8
183.equake	4	134	45.2	4	134	45.2
187.facerec	4	221	39.9	4	221	39.9
188.amp	4	368	27.7	4	368	27.7
189.lucas	4	278	33.4	4	278	33.4
191.fma3d	4	340	28.7	4	340	28.7
200.sixtrack	4	145	35.2	4	145	35.2
301.apsi	4	452	26.7	4	452	26.7

Hardware

CPU: Intel Itanium 2
CPU MHz: 900
FPU: Integrated
CPU(s) enabled: 4 cores, 4 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