



# CFP2000 Result

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Hewlett-Packard Company  
hp server rx4610

SPECfp\_rate2000 = 7.22  
SPECfp\_rate\_base2000 = 7.22

SPEC license #: 3 Tested by: Hewlett-Packard Test date: May-2001 Hardware Avail: Jun-2001 Software Avail: Jun-2001

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	286	6.48	1	286	6.48
171.swim	1	230	15.6	1	230	15.6
172.mgrid	1	251	8.33	1	251	8.33
173.applu	1	221	11.0	1	221	11.0
177.mesa	1	472	3.44	1	472	3.44
178.galgel	1	323	10.4	1	323	10.4
179.art	1	188	16.0	1	188	16.0
183.equake	1	166	9.07	1	166	9.07
187.facerec	1	375	5.88	1	375	5.88
188.amp	1	492	5.18	1	492	5.18
189.lucas	1	252	9.22	1	252	9.22
191.fma3d	1	693	3.51	1	693	3.51
200.sixtrack	1	215	5.94	1	215	5.94
301.apsi	1	817	3.69	1	817	3.69

### Hardware

CPU: Intel Itanium  
CPU MHz: 733  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 2-4  
Parallel: No  
Primary Cache: 16KBI + 16KBD on chip  
Secondary Cache: 96KB(I+D) on chip  
L3 Cache: 2MB(I+D) off chip  
Other Cache: N/A  
Memory: 8 GB (64 \* 128MB DIMMs)  
Disk Subsystem: 1x36 GB SCSI  
Other Hardware:

### Software

Operating System: Windows Advanced Server Limited Edition  
Compiler: Intel C++ Compiler 5.0 (with 5.0.1 upgrade) Build 20010529  
Intel Fortran Compiler 5.0 (with 5.0.1 upgrade) Build 20010529  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning:
C programs: -Qipo -O3 +FDO
Fortran programs: -Qipo -O3 -Qftz +FDO
Portability:
178.galgel: -FI
```

Peak flags same as baseline (basepeak=true set globally)