



# CFP2000 Result

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Hewlett-Packard Company  
hp server rx4610

SPECfp\_rate2000 = 22.4  
SPECfp\_rate\_base2000 = 22.4

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	4	310	24.0	4	310	24.0
171.swim	4	778	18.5	4	778	18.5
172.mgrid	4	640	13.1	4	640	13.1
173.applu	4	294	33.1	4	294	33.1
177.mesa	4	459	14.2	4	459	14.2
178.galgel	4	298	45.2	4	298	45.2
179.art	4	143	84.3	4	143	84.3
183.equake	4	332	18.2	4	332	18.2
187.facerec	4	344	25.6	4	344	25.6
188.amp	4	440	23.2	4	440	23.2
189.lucas	4	635	14.6	4	635	14.6
191.fma3d	4	775	12.6	4	775	12.6
200.sixtrack	4	195	26.2	4	195	26.2
301.apsi	4	812	14.9	4	812	14.9

### Hardware

CPU: Intel Itanium  
CPU MHz: 800  
FPU: Integrated  
CPU(s) enabled: 4 cores, 4 chips, 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: 4MB(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)