



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
hp server rx4610

SPECfp_rate2000 = 12.7
SPECfp_rate_base2000 = 12.7

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 | 2 | 301 | 12.3 | 2 | 301 | 12.3 |
| 171.swim | 2 | 397 | 18.1 | 2 | 397 | 18.1 |
| 172.mgrid | 2 | 346 | 12.1 | 2 | 346 | 12.1 |
| 173.applu | 2 | 234 | 20.8 | 2 | 234 | 20.8 |
| 177.mesa | 2 | 478 | 6.79 | 2 | 478 | 6.79 |
| 178.galgel | 2 | 337 | 19.9 | 2 | 337 | 19.9 |
| 179.art | 2 | 200 | 30.2 | 2 | 200 | 30.2 |
| 183.equake | 2 | 211 | 14.3 | 2 | 211 | 14.3 |
| 187.facerec | 2 | 396 | 11.1 | 2 | 396 | 11.1 |
| 188.amp | 2 | 497 | 10.3 | 2 | 497 | 10.3 |
| 189.lucas | 2 | 358 | 13.0 | 2 | 358 | 13.0 |
| 191.fma3d | 2 | 724 | 6.73 | 2 | 724 | 6.73 |
| 200.sixtrack | 2 | 215 | 11.9 | 2 | 215 | 11.9 |
| 301.apsi | 2 | 835 | 7.22 | 2 | 835 | 7.22 |

Hardware

CPU: Intel Itanium
CPU MHz: 733
FPU: Integrated
CPU(s) enabled: 2 cores, 2 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: 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)