



CFP2000 Result

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Hewlett-Packard Company
hp server rx4610

SPECfp_rate2000 = 20.1
SPECfp_rate_base2000 = 20.1

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	329	22.5	4	329	22.5
171.swim	4	782	18.4	4	782	18.4
172.mgrid	4	665	12.6	4	665	12.6
173.applu	4	304	32.0	4	304	32.0
177.mesa	4	497	13.1	4	497	13.1
178.galgel	4	372	36.2	4	372	36.2
179.art	4	213	56.6	4	213	56.6
183.equake	4	363	16.6	4	363	16.6
187.facerec	4	439	20.1	4	439	20.1
188.amp	4	505	20.2	4	505	20.2
189.lucas	4	637	14.6	4	637	14.6
191.fma3d	4	805	12.1	4	805	12.1
200.sixtrack	4	216	23.7	4	216	23.7
301.apsi	4	865	14.0	4	865	14.0

Hardware

CPU: Intel Itanium
CPU MHz: 733
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: 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

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+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)