



CFP2000 Result

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Hewlett-Packard Company
HP Integrity Server rx5670 (1300 MHz, Itanium 2)

SPECfp2000 = 1814
SPECfp_base2000 = 1814

SPEC license #: 3 Tested by: HP Richardson Test date: Oct-2003 Hardware Avail: Sep-2003 Software Avail: Sep-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	127	1257	127	1257	
171.swim	3100	79.3	3910	79.3	3910	
172.mgrid	1800	81.1	2220	81.1	2220	
173.applu	2100	70.3	2988	70.3	2988	
177.mesa	1400	141	991	141	991	
178.galgel	2900	84.3	3441	84.3	3441	
179.art	2600	51.5	5049	51.5	5049	
183.quake	1300	52.9	2458	52.9	2458	
187.facerec	1900	119	1599	119	1599	
188.amp	2200	190	1156	190	1156	
189.lucas	2000	123	1632	123	1632	
191.fma3d	2100	220	953	220	953	
200.sixtrack	1100	92.4	1190	92.4	1190	
301.apsi	2600	295	881	295	881	

Hardware

CPU: Intel Itanium 2
CPU MHz: 1300
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 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: 3.0MB (on chip) per CPU
Other Cache: N/A
Memory: 12GB (48 * 256MB DIMMs - 2 memory carriers)
Disk Subsystem: 1x36GB 15k RPM SCSI disk
Other Hardware: N/A

Software

Operating System: Red Hat Linux Advanced Server release 2.1AS (Update 2)
Compiler: Intel C++ Compiler 7.1 for Linux, Build 20030307
Intel Fortran Compiler 7.1 for Linux, Build 20030307
File System: ext3
System State: Multi-user

Notes/Tuning Information

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+FDO: PASS1=-prof_gen PASS2=-prof_use
Base tuning flags:
    C programs: -O3 -ipo +FDO -ansi_alias
    Fortran programs: -O3 -ipo +FDO
Portability:
    178.galgel: -FI

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

Note:
'ELILO boot: linux maxcpus=0' used to
deconfigure other processors if necessary