CFP2000 Result

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Hewlett-Packard Company

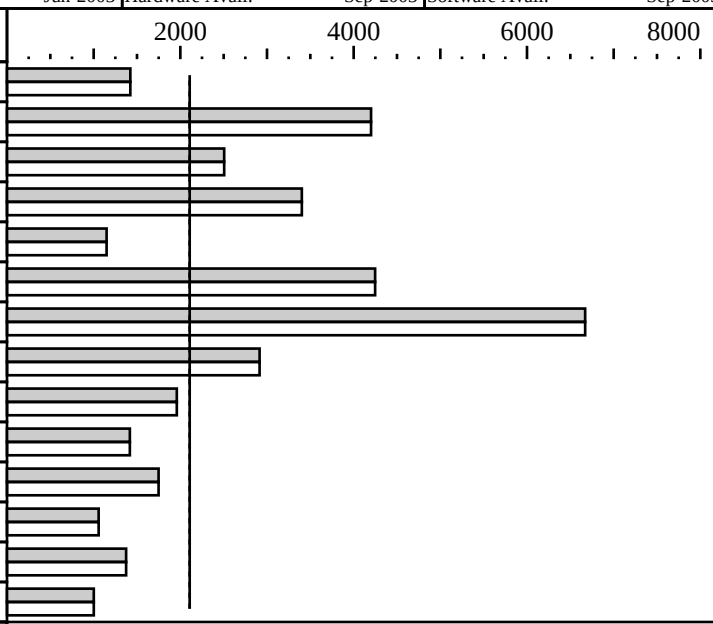
HP Integrity Server rx5670 (1500 MHz, Itanium 2)

SPECfp2000 = 2108

SPECfp_base2000 = 2108

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	112	1423	112	1423
171.swim	3100	73.8	4201	73.8	4201
172.mgrid	1800	71.8	2506	71.8	2506
173.applu	2100	61.7	3402	61.7	3402
177.mesa	1400	122	1149	122	1149
178.galgel	2900	68.3	4248	68.3	4248
179.art	2600	39.0	6671	39.0	6671
183.equake	1300	44.6	2915	44.6	2915
187.facerec	1900	97.0	1959	97.0	1959
188.ammp	2200	155	1418	155	1418
189.lucas	2000	114	1749	114	1749
191.fma3d	2100	199	1057	199	1057
200.sixtrack	1100	80.0	1374	80.0	1374
301.apsi	2600	260	1001	260	1001



Hardware

CPU:	Intel Itanium 2
CPU MHz:	1500
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:	6.0MB (on chip) per CPU
Other Cache:	N/A
Memory:	24GB (48 x 512MB DIMMs on 2 memory carriers)
Disk Subsystem:	1x36GB 15k RPM SCSI disk
Other Hardware:	N/A

Software

Operating System:	Red Hat Linux Advanced Server 2.1 (Update 2)
Compiler:	Intel C++ Compiler 7.1 for Linux64, Build 20030519 Intel Fortan Compiler 7.1 for Linux64, Build 20030519
File System:	ext3
System State:	Multi-user

Notes/Tuning Information

```
+FDO: PASS1=-prof_gen  PASS2=-prof_use
Base tuning flags:
         C programs: -ipo -O3 +FDO -ansi_alias
   Fortran programs: -ipo -O3 +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
  Kernel was built with the configuration of 64K page size.
```