CFP2000 Result

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Hewlett-Packard Company

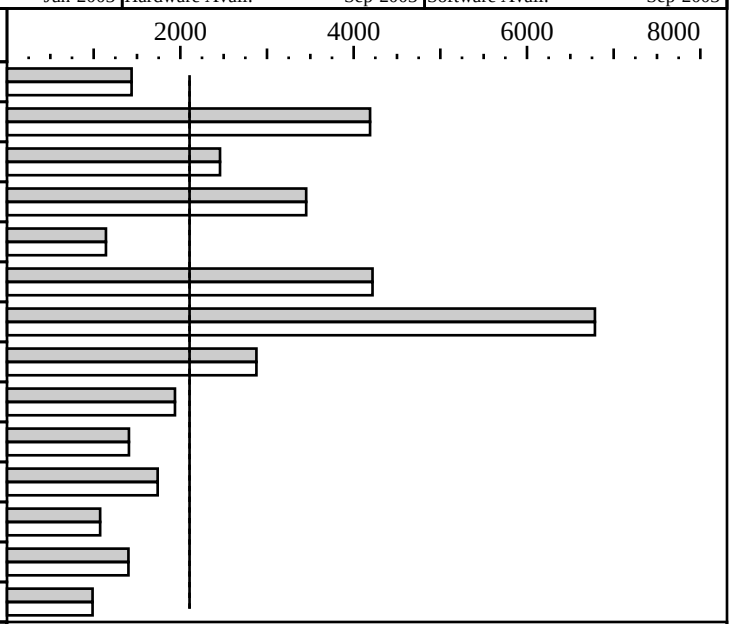
HP Workstation zx6000 (1500 MHz, Itanium 2)

SPECfp2000 = 2106

SPECfp_base2000 = 2106

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	111	1438	111	1438
171.swim	3100	74.0	4189	74.0	4189
172.mgrid	1800	73.2	2458	73.2	2458
173.applu	2100	60.8	3452	60.8	3452
177.mesa	1400	123	1142	123	1142
178.galgel	2900	68.8	4218	68.8	4218
179.art	2600	38.3	6784	38.3	6784
183.equake	1300	45.2	2878	45.2	2878
187.facerec	1900	98.0	1938	98.0	1938
188.ammp	2200	156	1407	156	1407
189.lucas	2000	115	1738	115	1738
191.fma3d	2100	195	1075	195	1075
200.sixtrack	1100	78.5	1401	78.5	1401
301.apsi	2600	263	987	263	987



Hardware

CPU:	Intel Itanium 2
CPU MHz:	1500
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-2
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:	12GB (12 * 1GB DIMMs)
Disk Subsystem:	1x36GB 10k RPM SCSI disk
Other Hardware:	N/A

Software

Operating System:	Red Hat Linux Advanced Workstation 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.
```