CFP2000 Result

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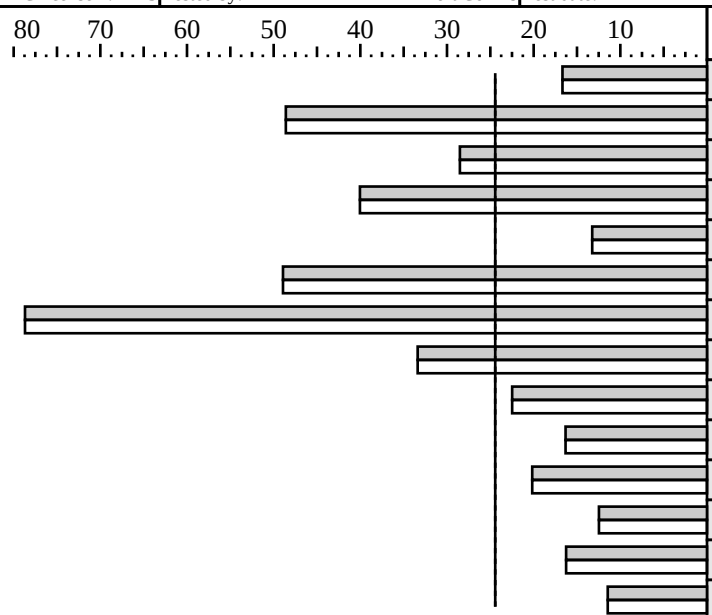
Hewlett-Packard Company

HP Workstation zx6000 (1500 MHz, Itanium 2)

SPECfp_rate2000 = 24.4

SPECfp_rate_base2000 = 24.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	111	16.7	1	111	16.7
171.swim	1	74.0	48.6	1	74.0	48.6
172.mgrid	1	73.2	28.5	1	73.2	28.5
173.applu	1	60.8	40.0	1	60.8	40.0
177.mesa	1	123	13.2	1	123	13.2
178.galgel	1	68.8	48.9	1	68.8	48.9
179.art	1	38.3	78.7	1	38.3	78.7
183.equake	1	45.2	33.4	1	45.2	33.4
187.facerec	1	98.0	22.5	1	98.0	22.5
188.ammp	1	156	16.3	1	156	16.3
189.lucas	1	115	20.2	1	115	20.2
191.fma3d	1	195	12.5	1	195	12.5
200.sixtrack	1	78.5	16.3	1	78.5	16.3
301.apsi	1	263	11.5	1	263	11.5

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.
```