CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

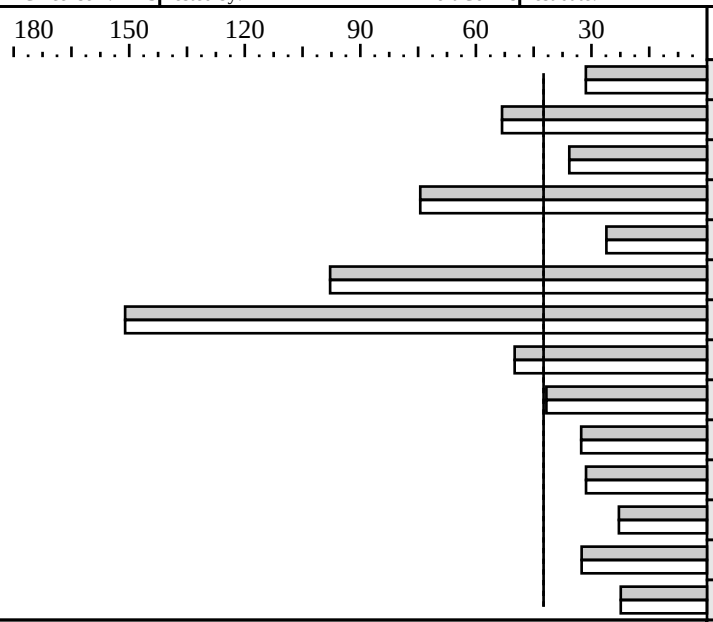
Hewlett-Packard Company

HP Workstation zx6000 (1500 MHz, Itanium 2)

SPECfp_rate2000 = 42.4

SPECfp_rate_base2000 = 42.4

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	2	118	31.5	2	118	31.5
171.swim	2	135	53.2	2	135	53.2
172.mgrid	2	117	35.7	2	117	35.7
173.applu	2	65.4	74.4	2	65.4	74.4
177.mesa	2	124	26.1	2	124	26.1
178.galgel	2	68.8	97.8	2	68.8	97.8
179.art	2	39.9	151	2	39.9	151
183.equake	2	60.4	49.9	2	60.4	49.9
187.facerec	2	106	41.7	2	106	41.7
188.ammp	2	156	32.7	2	156	32.7
189.lucas	2	148	31.4	2	148	31.4
191.fma3d	2	213	22.9	2	213	22.9
200.sixtrack	2	78.4	32.5	2	78.4	32.5
301.apsi	2	269	22.4	2	269	22.4

Hardware

CPU:	Intel Itanium 2
CPU MHz:	1500
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 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.
```