CFP2000 Result

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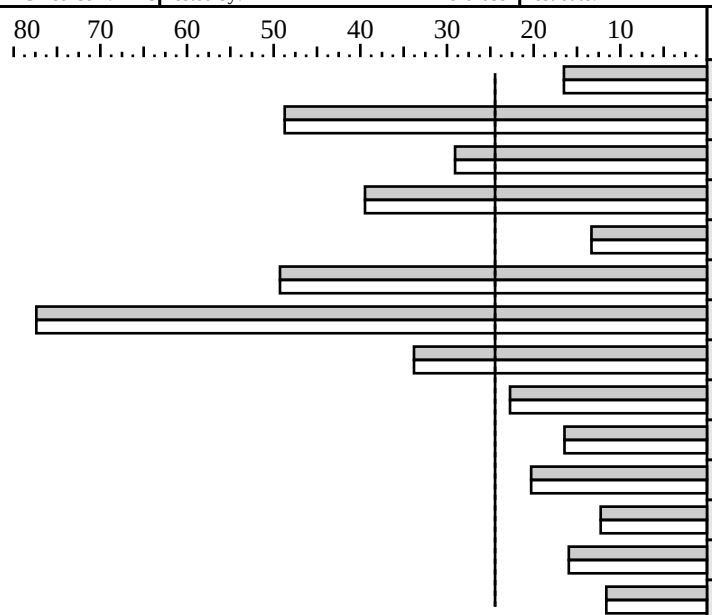
Hewlett-Packard Company

HP Integrity Server rx5670 (1500 MHz, Itanium 2)

SPECfp_rate2000 = 24.5

SPECfp_rate_base2000 = 24.5

SPEC license #: 3 | Tested by: HP Richardson | 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	112	16.5	1	112	16.5
171.swim	1	73.8	48.7	1	73.8	48.7
172.mgrid	1	71.8	29.1	1	71.8	29.1
173.applu	1	61.7	39.5	1	61.7	39.5
177.mesa	1	122	13.3	1	122	13.3
178.galgel	1	68.3	49.3	1	68.3	49.3
179.art	1	39.0	77.4	1	39.0	77.4
183.equake	1	44.6	33.8	1	44.6	33.8
187.facerec	1	97.0	22.7	1	97.0	22.7
188.ammp	1	155	16.4	1	155	16.4
189.lucas	1	114	20.3	1	114	20.3
191.fma3d	1	199	12.3	1	199	12.3
200.sixtrack	1	80.0	15.9	1	80.0	15.9
301.apsi	1	260	11.6	1	260	11.6

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.
```