CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

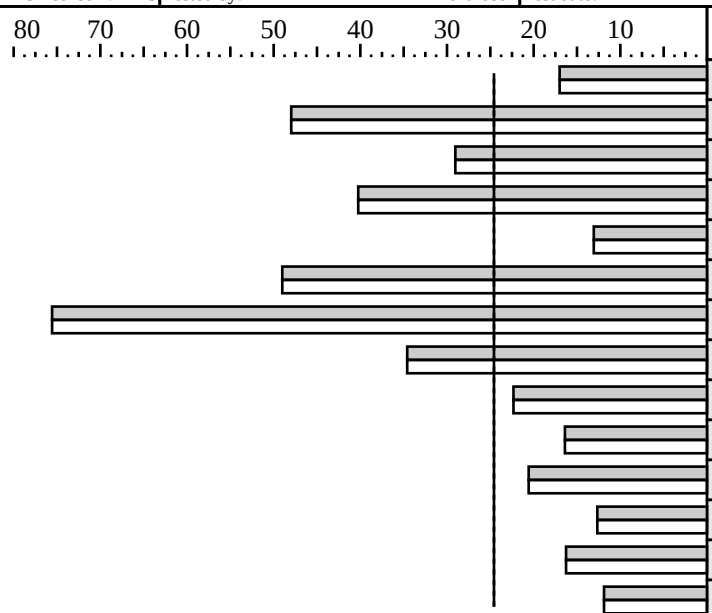
Hewlett-Packard Company

HP Integrity Server rx2600 (1500 MHz, Itanium 2)

SPECfp_rate2000 = 24.6

SPECfp_rate_base2000 = 24.6

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	109	17.0	1	109	17.0
171.swim	1	75.0	48.0	1	75.0	48.0
172.mgrid	1	71.9	29.0	1	71.9	29.0
173.applu	1	60.5	40.2	1	60.5	40.2
177.mesa	1	124	13.1	1	124	13.1
178.galgel	1	68.6	49.0	1	68.6	49.0
179.art	1	39.9	75.6	1	39.9	75.6
183.equake	1	43.6	34.6	1	43.6	34.6
187.facerec	1	98.7	22.3	1	98.7	22.3
188.ammp	1	156	16.4	1	156	16.4
189.lucas	1	113	20.6	1	113	20.6
191.fma3d	1	193	12.7	1	193	12.7
200.sixtrack	1	78.5	16.3	1	78.5	16.3
301.apsi	1	254	11.9	1	254	11.9

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 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.
```