CFP2000 Result

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Hewlett-Packard Company

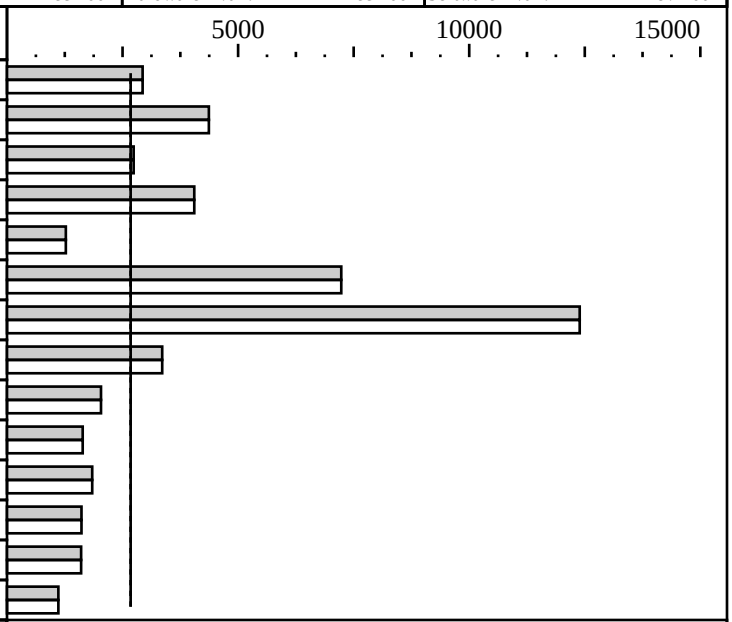
HP Integrity rx2620-2 (1.6GHz/6MB, Itanium 2)

SPECfp2000 = 2675

SPECfp_base2000 = 2675

SPEC license #: 3 | Tested by: HP Richardson | Test date: Dec-2004 | Hardware Avail: Dec-2004 | Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	54.5	2934	54.5	2934
171.swim	3100	71.0	4367	71.0	4367
172.mgrid	1800	65.7	2740	65.7	2740
173.applu	2100	51.8	4052	51.8	4052
177.mesa	1400	110	1273	110	1273
178.galgel	2900	40.1	7232	40.1	7232
179.art	2600	21.0	12390	21.0	12390
183.equake	1300	38.7	3358	38.7	3358
187.facerec	1900	93.4	2034	93.4	2034
188.ammp	2200	134	1638	134	1638
189.lucas	2000	108	1844	108	1844
191.fma3d	2100	130	1611	130	1611
200.sixtrack	1100	68.6	1604	68.6	1604
301.apsi	2600	234	1111	234	1111



Hardware

CPU:	Intel Itanium 2 (1.6 GHz/6MB, 400MHz FSB)
CPU MHz:	1600
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 core
Secondary Cache:	256KB (I+D) on chip, per core
L3 Cache:	6.0MB (I+D) on chip, per core
Other Cache:	N/A
Memory:	24GB (12x2GB DIMMs)
Disk Subsystem:	1x36GB 15K SCSI
Other Hardware:	N/A

Software

Operating System:	Red Hat Linux Advanced Server release 3.0AS (Update 3)
Compiler:	Intel C++ Compiler 8.1 for Linux (Build 20041021) Intel Fortran Compiler 8.1 for Linux (Build 20041021)
File System:	ext3
System State:	Multi-user

Notes/Tuning Information

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Base tuning flags:
        C programs: -fast -ansi_alias +FDO -IPF_fp_relaxed
   Fortran programs: -fast +FDO -IPF_fp_relaxed

Portability:
        178.galgel:  -FI
        187.facerec: srcalt=AllocShape

Peak flags same as baseline (basepeak=true set globally)
+FDO: PASS1=-prof_gen  PASS2=-prof_use

Note:
  EFI command "cpuconfig" used prior to booting to
  deconfigure other processors if necessary
```