CFP2000 Result

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Hewlett-Packard Company

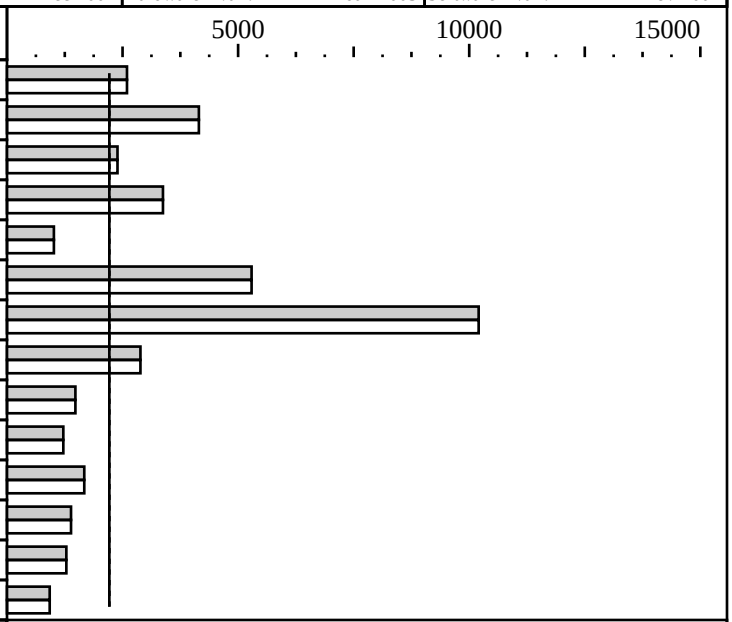
HP Integrity rx1620-2 (1.3GHz/3MB, Itanium 2)

SPECfp2000 = 2214

SPECfp_base2000 = 2214

SPEC license #: 3 | Tested by: HP Richardson | Test date: Dec-2004 | Hardware Avail: Jan-2005 | Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.6	2596	61.6	2596
171.swim	3100	74.7	4151	74.7	4151
172.mgrid	1800	75.3	2391	75.3	2391
173.applu	2100	62.2	3374	62.2	3374
177.mesa	1400	138	1014	138	1014
178.galgel	2900	54.8	5291	54.8	5291
179.art	2600	25.5	10204	25.5	10204
183.equake	1300	45.0	2887	45.0	2887
187.facerec	1900	128	1480	128	1480
188.ammp	2200	181	1219	181	1219
189.lucas	2000	120	1672	120	1672
191.fma3d	2100	152	1385	152	1385
200.sixtrack	1100	85.7	1284	85.7	1284
301.apsi	2600	281	924	281	924



Hardware

CPU:	Intel Itanium 2 (1.3GHz/3MB, 400MHz FSB)
CPU MHz:	1300
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:	3.0MB (I+D) on chip, per core
Other Cache:	N/A
Memory:	16GB (8x2GB 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
```