



CFP2000 Result

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Hewlett-Packard Company
HP Integrity Server rx2600 (1300 MHz, Itanium 2)

SPECfp_rate2000 = 21.0
SPECfp_rate_base2000 = 21.0

SPEC license #: 3 | Tested by: HP Richardson | Test date: Oct-2003 | Hardware Avail: Jul-2003 | Software Avail: Jul-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	126	14.8	1	126	14.8
171.swim	1	85.3	42.1	1	85.3	42.1
172.mgrid	1	85.2	24.5	1	85.2	24.5
173.applu	1	70.5	34.6	1	70.5	34.6
177.mesa	1	142	11.5	1	142	11.5
178.galgel	1	84.6	39.8	1	84.6	39.8
179.art	1	48.1	62.6	1	48.1	62.6
183.quake	1	52.8	28.6	1	52.8	28.6
187.facerec	1	122	18.0	1	122	18.0
188.amp	1	190	13.4	1	190	13.4
189.lucas	1	124	18.8	1	124	18.8
191.fma3d	1	215	11.3	1	215	11.3
200.sixtrack	1	92.6	13.8	1	92.6	13.8
301.apsi	1	288	10.5	1	288	10.5

Hardware

CPU: Intel Itanium 2
 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 CPU
 Secondary Cache: 256KB (on chip) per CPU
 L3 Cache: 3.0MB (on chip) per CPU
 Other Cache: N/A
 Memory: 12GB (12 * 1GB DIMMs)
 Disk Subsystem: 1x36GB 15k RPM SCSI disk
 Other Hardware: N/A

Software

Operating System: Red Hat Linux Advanced Server release 2.1AS (Update 2)
 Compiler: Intel C++ Compiler 7.1 for Linux, Build 20030307
 Intel Fortran Compiler 7.1 for Linux, Build 20030307
 File System: ext3
 System State: Multi-user

Notes/Tuning Information

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+FDO: PASS1=-prof_gen PASS2=-prof_use
Base tuning flags:
  C programs: -O3 -ipo +FDO -ansi_alias
  Fortran programs: -O3 -ipo +FDO
Portability:
  178.galgel: -FI

Peak flags same as baseline (basepeak=true set globally)
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Note:
 'ELILO boot: linux maxcpus=0' used to
 deconfigure other processors if necessary