



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
HP Integrity Server rx2600 (1500 MHz, Itanium 2)

SPECfp2000 = 2119
SPECfp_base2000 = 2119

SPEC license #: 3 Tested by: HP Richardson Test date: Jun-2003 Hardware Avail: Sep-2003 Software Avail: Sep-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	109	1466	109	1466	
171.swim	3100	75.0	4136	75.0	4136	
172.mgrid	1800	71.9	2503	71.9	2503	
173.applu	2100	60.5	3469	60.5	3469	
177.mesa	1400	124	1126	124	1126	
178.galgel	2900	68.6	4225	68.6	4225	
179.art	2600	39.9	6514	39.9	6514	
183.earth	1300	43.6	2982	43.6	2982	
187.facerec	1900	98.7	1925	98.7	1925	
188.amp	2200	156	1413	156	1413	
189.lucas	2000	113	1774	113	1774	
191.fma3d	2100	193	1091	193	1091	
200.sixtrack	1100	78.5	1402	78.5	1402	
301.apsi	2600	254	1024	254	1024	

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 Fortran 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.