



CFP2000 Result

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**Bull
NovaScale 5160**

SPECfp_rate2000 = --
SPECfp_rate_base2000 = 177

SPEC license #: 20 | Tested by: JFL | Test date: Feb-2003 | Hardware Avail: Apr-2003 | Software Avail: Apr-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	16	188	158			
171.swim	16	288	200			
172.mgrid	16	245	136			
173.applu	16	116	335			
177.mesa	16	193	135			
178.galgel	16	160	336			
179.art	16	117	413			
183.quake	16	157	153			
187.facerec	16	200	176			
188.amp	16	289	141			
189.lucas	16	283	131			
191.fma3d	16	338	115			
200.sixtrack	16	128	160			
301.apsi	16	423	114			

Hardware

CPU: Itanium 2 processor 1000 MHz
CPU MHz: 1000
FPU: Integrated
CPU(s) enabled: 16 cores, 16 chips, 1 core/chip
CPU(s) orderable: 4 to 16
Parallel: No
Primary Cache: 16KBI + 16KBD on chip
Secondary Cache: 256KB(I+D) on chip
L3 Cache: 3MB (I+D) off chip
Other Cache: N/A
Memory: 64 GB (4*16 * 1GB DIMMs)
Disk Subsystem: 1 SJ0812 Disk drawer with 2 15krpm 36GB SCSI disks
Other Hardware:

Software

Operating System: 64 bit Linux64: Red Hat Advanced Server 2.1 +Bull expansion Pack
Compiler: Intel C++ & Fortran Compilers 7.0 for Linux64 Build 20021210
File System: ext2
System State: Single User

Notes/Tuning Information

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