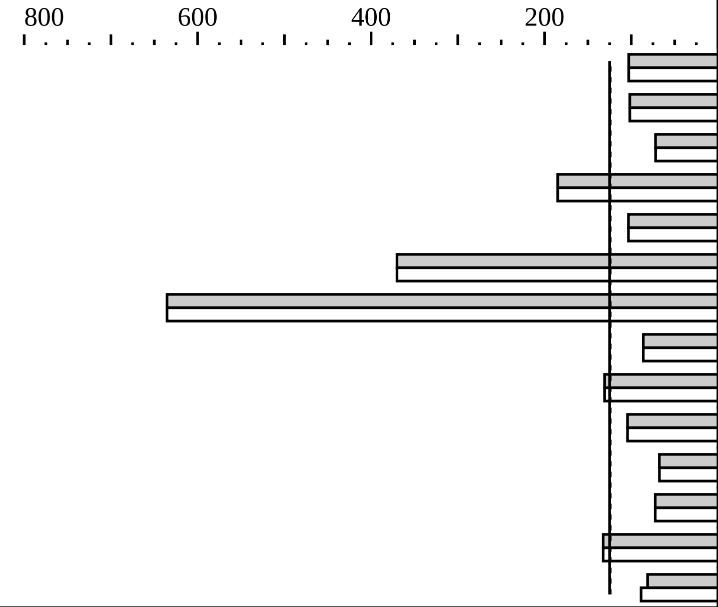
CFP2000 Result

Bull
NovaScale 5080 (1500MHz)

SPECfp_rate2000 = 125

SPECfp_rate_base2000 = 124

SPEC license #:	Tested by:	Test date:	Hardware Avail:	Software Avail:
20	JFL	Jul-2003	Sep-2003	Sep-2003



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	144	103	8	144	103
171.swim	8	283	102	8	283	102
172.mgrid	8	232	72.1	8	232	72.0
173.applu	8	105	185	8	105	185
177.mesa	8	126	103	8	126	103
178.galgel	8	72.7	370	8	72.7	370
179.art	8	38.0	635	8	38.0	635
183.equake	8	140	86.1	8	140	86.1
187.facerec	8	135	131	8	135	131
188.ammp	8	196	104	8	196	104
189.lucas	8	274	67.6	8	275	67.6
191.fma3d	8	269	72.4	8	269	72.4
200.sixtrack	8	77.1	132	8	77.1	132
301.apsi	8	297	81.2	8	272	88.7

Hardware

CPU:	Itanium 2 processor 1500 MHz
CPU MHz:	1500
FPU:	Integrated
CPU(s) enabled:	8 cores, 8 chips, 1 core/chip
CPU(s) orderable:	4 to 8
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	6MB (I+D) off chip
Other Cache:	N/A
Memory:	32 GB (2 * 16 * 1GB DIMMs)
Disk Subsystem:	1 SJ0812 Disk drawer with 2 15krpm 36GB SCSI disks
Other Hardware:	

Software

Operating System:	Linux 64 bit : Red Hat Advanced Server 2.1 + Bull expansion Pack
Compiler:	Intel(R) Fortran Compiler for Linux 7.1 (Build 20030605) Intel(R) C++ Compiler for Linux 7.1 (Build 20030605)
File System:	ext2
System State:	multi User

Notes/Tuning Information

```
+FDO: PASS1=-prof_gen  PASS2=-prof_use

Baseline optimization flags:
  C programs:       -ipo -O3 +FDO -ansi_alias
  Fortran programs: -ipo -O3 +FDO

Portability Flags:
  178.galgel:  -FI

Peak optimization flags:
  168.wupwise: basepeak=yes
  171.swim: basepeak=yes
  172.mgrid: -O3 -ipo
  173.applu: basepeak=yes
  177.mesa: basepeak=yes
  178.galgel: basepeak=yes
```

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Bull
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SPECfp_rate_base2000 = 124

SPEC license #: 20	Tested by: JFL	Test date: Jul-2003	Hardware Avail: Sep-2003	Software Avail: Sep-2003

Notes/Tuning Information (Continued)

```
179.art: basepeak=yes
183.equake: basepeak=yes
187.facerec: basepeak=yes
188.ammp: basepeak=yes
189.lucas: -O3 -ipo
191.fma3d: basepeak=yes
200.sixtrack: basepeak=yes
301.apsi: -O3 -ipo
```