



# CFP2000 Result

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## Bull Express5800-140He/140Rd4

SPECfp2000 = 1207

SPECfp\_base2000 = 1207

SPEC license #: 20 Tested by: Bull Test date: Nov-2005 Hardware Avail: Oct-2005 Software Avail: Oct-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	500 1000 1500 2000			
168.wupwise	1600	80.3	1992	80.3	1992	[Bar chart showing ratio 1992]			
171.swim	3100	187	1657	187	1657	[Bar chart showing ratio 1657]			
172.mgrid	1800	145	1240	145	1240	[Bar chart showing ratio 1240]			
173.applu	2100	178	1182	178	1182	[Bar chart showing ratio 1182]			
177.mesa	1400	103	1366	103	1366	[Bar chart showing ratio 1366]			
178.galgel	2900	161	1804	161	1804	[Bar chart showing ratio 1804]			
179.art	2600	140	1857	140	1857	[Bar chart showing ratio 1857]			
183.earth	1300	102	1280	102	1280	[Bar chart showing ratio 1280]			
187.facerec	1900	174	1092	174	1092	[Bar chart showing ratio 1092]			
188.amp	2200	324	679	324	679	[Bar chart showing ratio 679]			
189.lucas	2000	176	1133	176	1133	[Bar chart showing ratio 1133]			
191.fma3d	2100	184	1141	184	1141	[Bar chart showing ratio 1141]			
200.sixtrack	1100	196	561	196	561	[Bar chart showing ratio 561]			
301.apsi	2600	285	911	285	911	[Bar chart showing ratio 911]			

### Hardware

CPU: Intel Xeon MP(3.16GHZ, 1MB L2, 667MHz System bus)  
CPU MHz: 3160  
FPU: Integrated  
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1 to 4  
Parallel: No  
Primary Cache: 12 KB (I) micro-ops +16 KB (D) on chip  
Secondary Cache: 2\*1MB on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 2\* 512 MB SDRAM DDR2 400 ECC  
Disk Subsystem: 73 GB SCSI 10000rpm  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition (Build 3790)  
Compiler: Intel C/C++ and Fortran Compilers 8.1 for Windows (Build 20051008z)  
Microsoft Visual Studio .net 2003 (7.1.3091, for libraries)  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=/Qprof_gen PASS2=/Qprof_use
Base tuning:
C programs: -fast -Qansi_alias +FDO
Fortran programs: -fast -Qansi_alias +FDO
```

```
Portability
178.galgel: -FI /F32000000
```

```
Peak tuning flags
same as baseline (basepeak=true set globally)
```

This result was measured with 32-bit binaries using the 32-bit version of the operating system.  
Express5800-140He and 140Rd4 are electronically equivalent  
Measured on Express5800-120Rd4