



CFP2000 Result

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Bull Express5800-110Ej P4 630

SPECfp2000 = 1516

SPECfp_base2000 = 1516

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 | |
|----------------|----------------|--------------|------------|---------|-------|--|
| 168.wupwise | 1600 | 71.5 | 2239 | 71.5 | 2239 | |
| 171.swim | 3100 | 170 | 1824 | 170 | 1824 | |
| 172.mgrid | 1800 | 139 | 1297 | 139 | 1297 | |
| 173.applu | 2100 | 168 | 1254 | 168 | 1254 | |
| 177.mesa | 1400 | 103 | 1355 | 103 | 1355 | |
| 178.galgel | 2900 | 97.5 | 2975 | 97.5 | 2975 | |
| 179.art | 2600 | 75.8 | 3430 | 75.8 | 3430 | |
| 183.earthquake | 1300 | 78.8 | 1649 | 78.8 | 1649 | |
| 187.facerec | 1900 | 118 | 1614 | 118 | 1614 | |
| 188.amp | 2200 | 198 | 1110 | 198 | 1110 | |
| 189.lucas | 2000 | 119 | 1676 | 119 | 1676 | |
| 191.fma3d | 2100 | 169 | 1245 | 169 | 1245 | |
| 200.sixtrack | 1100 | 203 | 542 | 203 | 542 | |
| 301.apsi | 2600 | 236 | 1103 | 236 | 1103 | |

Hardware

CPU: Intel Pentium 4 630 (3.0GHZ, 2MB L2, 800MHz System bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 12 KB (I) micro-ops +16 KB (D) on chip
 Secondary Cache: 2MB on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 1* 512 MB SDRAM DDR2 533 ECC
 Disk Subsystem: 80 GB SATA150 7200rpm
 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.