



CFP2000 Result

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IBM Corporation

IBM System X 3400 (1.86 GHz Xeon 5120, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 1837

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|----------------|----------------|--------------|------------|---------|-------|--|
| 168.wupwise | 1600 | 62.5 | 2561 | | | |
| 171.swim | 3100 | 141 | 2201 | | | |
| 172.mgrid | 1800 | 151 | 1194 | | | |
| 173.applu | 2100 | 151 | 1386 | | | |
| 177.mesa | 1400 | 78.0 | 1796 | | | |
| 178.galgel | 2900 | 63.9 | 4540 | | | |
| 179.art | 2600 | 40.1 | 6477 | | | |
| 183.earthquake | 1300 | 57.4 | 2266 | | | |
| 187.facerec | 1900 | 104 | 1821 | | | |
| 188.amp | 2200 | 164 | 1344 | | | |
| 189.lucas | 2000 | 126 | 1590 | | | |
| 191.fma3d | 2100 | 154 | 1367 | | | |
| 200.sixtrack | 1100 | 147 | 747 | | | |
| 301.apsi | 2600 | 232 | 1122 | | | |

Hardware

CPU: Intel Xeon processor 5120 (1.86 GHz, 1333 MHz bus)
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip (per core)
 Secondary Cache: 4096KB(I+D) on chip (per chip)
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 1024 MB ECC PC2-5300F
 Disk Subsystem: 80GB SATA 10K RPM
 Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition (32-bit)
 Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications
 Build 20060323Z
 Microsoft Visual Studio 2005(for libraries)
 SmartHeap Library Version 8.0 from <http://www.microquill.com/>
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning for Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs: -fast +FDO shlw32M.lib
Portability:
178.galgel: -FI /F32000000
```