



CFP2000 Result

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IBM Corporation

IBM System X 3500 (2.66 GHz Xeon 5150, 4MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 42.8

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

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise | 2 | 57.4 | 64.7 | | | |
| 171.swim | 2 | 225 | 32.0 | | | |
| 172.mgrid | 2 | 159 | 26.3 | | | |
| 173.applu | 2 | 173 | 28.2 | | | |
| 177.mesa | 2 | 53.9 | 60.3 | | | |
| 178.galgel | 2 | 59.7 | 113 | | | |
| 179.art | 2 | 53.2 | 113 | | | |
| 183.quake | 2 | 74.7 | 40.4 | | | |
| 187.facerec | 2 | 86.1 | 51.2 | | | |
| 188.amp | 2 | 146 | 34.9 | | | |
| 189.lucas | 2 | 131 | 35.4 | | | |
| 191.fma3d | 2 | 150 | 32.5 | | | |
| 200.sixtrack | 2 | 105 | 24.3 | | | |
| 301.apsi | 2 | 208 | 29.0 | | | |

Hardware

CPU: Intel Xeon processor 5150 (2.66 GHz, 1333 MHz bus)
 CPU MHz: 2667
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1, 2 chips
 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
```

This result was measured on an IBM System X 3400. IBM System X 3500 and IBM System X 3500 are electronically equivalent.