



# CFP2000 Result

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## IBM Corporation

IBM System X 3200 (1.86 GHz Xeon 3040, 4MB L2 Cache)

SPECfp\_rate2000 = --

SPECfp\_rate\_base2000 = 35.0

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

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 2           | 58.3         | 63.6       |        |         |       |
| 171.swim     | 2           | 221          | 32.5       |        |         |       |
| 172.mgrid    | 2           | 164          | 25.5       |        |         |       |
| 173.applu    | 2           | 181          | 26.9       |        |         |       |
| 177.mesa     | 2           | 76.0         | 42.7       |        |         |       |
| 178.galgel   | 2           | 114          | 59.0       |        |         |       |
| 179.art      | 2           | 95.2         | 63.4       |        |         |       |
| 183.quake    | 2           | 69.9         | 43.2       |        |         |       |
| 187.facerec  | 2           | 111          | 39.8       |        |         |       |
| 188.amp      | 2           | 230          | 22.1       |        |         |       |
| 189.lucas    | 2           | 140          | 33.2       |        |         |       |
| 191.fma3d    | 2           | 168          | 29.0       |        |         |       |
| 200.sixtrack | 2           | 150          | 17.0       |        |         |       |
| 301.apsi     | 2           | 205          | 29.4       |        |         |       |

### Hardware

CPU: Intel Xeon processor 3040 ( 1.86 GHz, 1066 MHz bus)  
 CPU MHz: 1866  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1 chip  
 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: 4 x 1024 MB ECC PC2-5300  
 Disk Subsystem: 73GB SAS 15K 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
```