



# CFP2000 Result

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## IBM Corporation

IBM System X 3400 (2.00 GHz Xeon E5335, 8MB L2 Cache)

SPECfp\_rate2000 = --

SPECfp\_rate\_base2000 = 92.4

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jan-2007 | Hardware Avail: Feb-2007 | Software Avail: Mar-2006

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 8           | 135          | 110        |        |         |       |
| 171.swim     | 8           | 550          | 52.3       |        |         |       |
| 172.mgrid    | 8           | 338          | 49.4       |        |         |       |
| 173.applu    | 8           | 369          | 52.8       |        |         |       |
| 177.mesa     | 8           | 75.7         | 172        |        |         |       |
| 178.galgel   | 8           | 95.1         | 283        |        |         |       |
| 179.art      | 8           | 101          | 238        |        |         |       |
| 183.quake    | 8           | 179          | 67.5       |        |         |       |
| 187.facerec  | 8           | 150          | 117        |        |         |       |
| 188.amp      | 8           | 196          | 104        |        |         |       |
| 189.lucas    | 8           | 322          | 57.6       |        |         |       |
| 191.fma3d    | 8           | 304          | 64.0       |        |         |       |
| 200.sixtrack | 8           | 142          | 71.8       |        |         |       |
| 301.apsi     | 8           | 274          | 88.0       |        |         |       |

### Hardware

CPU: Intel Xeon processor E5335 (2.0 GHz, 1333 MHz bus)  
CPU MHz: 2000  
FPU: Integrated  
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
CPU(s) orderable: 1, 2 chips  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip (per core)  
Secondary Cache: 8MB(I+D) on chip, per chip (4MB shared per 2 cores)  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 1024 MB ECC PC2-5300F  
Disk Subsystem: 80GB SATA 7200 RPM  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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 3400 and IBM System X 3500 are electronically equivalent.