



CFP2000 Result

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IBM Corporation

IBM System X 3250 (2.13 GHz Xeon X3210, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 60.4

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 | 4 | 90.5 | 82.1 | | | |
| 171.swim | 4 | 406 | 35.4 | | | |
| 172.mgrid | 4 | 248 | 33.7 | | | |
| 173.applu | 4 | 284 | 34.3 | | | |
| 177.mesa | 4 | 69.0 | 94.2 | | | |
| 178.galgel | 4 | 82.3 | 164 | | | |
| 179.art | 4 | 70.7 | 171 | | | |
| 183.quake | 4 | 116 | 51.8 | | | |
| 187.facerec | 4 | 112 | 78.8 | | | |
| 188.amp | 4 | 174 | 58.7 | | | |
| 189.lucas | 4 | 248 | 37.4 | | | |
| 191.fma3d | 4 | 217 | 44.9 | | | |
| 200.sixtrack | 4 | 131 | 38.9 | | | |
| 301.apsi | 4 | 193 | 62.4 | | | |

Hardware

CPU: Intel Xeon processor X3210 (2.13 GHz, 1066 MHz bus)
 CPU MHz: 2133
 FPU: Integrated
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
 CPU(s) orderable: 1 chip
 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: 4 x 2048 MB ECC PC2-5300
 Disk Subsystem: 73GB SAS 10k 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
```