



# CFP2000 Result

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## IBM Corporation

IBM System X 3550 (2.33 GHz Xeon 5140, 4MB L2 Cache)

SPECfp2000 = --

SPECfp\_base2000 = 2311

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	51.7	3096		
171.swim	3100	124	2502		
172.mgrid	1800	123	1466		
173.applu	2100	115	1825		
177.mesa	1400	61.2	2289		
178.galgel	2900	51.2	5662		
179.art	2600	32.0	8117		
183.earthquake	1300	47.9	2715		
187.facerec	1900	76.3	2489		
188.amp	2200	130	1687		
189.lucas	2000	83.7	2389		
191.fma3d	2100	126	1666		
200.sixtrack	1100	118	936		
301.apsi	2600	194	1339		

### Hardware

CPU: Intel Xeon processor 5140 (2.33 GHz, 1333 MHz bus)  
 CPU MHz: 2333  
 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: 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
```