



# CFP2000 Result

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## IBM Corporation

IBM System X 3550 (2.33 GHz Xeon E5345, 8MB L2 Cache)

SPECfp2000 = --

SPECfp\_base2000 = 2237

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	51.9	3082		
171.swim	3100	119	2606		
172.mgrid	1800	124	1454		
173.applu	2100	125	1676		
177.mesa	1400	62.9	2226		
178.galgel	2900	51.5	5636		
179.art	2600	32.1	8101		
183.quake	1300	47.6	2731		
187.facerec	1900	85.5	2222		
188.amp	2200	132	1672		
189.lucas	2000	106	1893		
191.fma3d	2100	126	1665		
200.sixtrack	1100	118	933		
301.apsi	2600	196	1325		

### Hardware

CPU: Intel Xeon processor E5345 ( 2.33 GHz, 1333 MHz bus)  
CPU MHz: 2333  
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: 73GB SAS 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
```