



# CFP2000 Result

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## IBM Corporation

IBM System X 3550 (3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECfp2000 = --

SPECfp\_base2000 = 2728

SPEC license #: 11 | Tested by: IBM Corporation | Test date: May-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	47.0	3402		
171.swim	3100	120	2578		
172.mgrid	1800	104	1724		
173.applu	2100	102	2065		
177.mesa	1400	48.1	2910		
178.galgel	2900	40.0	7247		
179.art	2600	24.9	10433		
183.quake	1300	44.0	2958		
187.facerec	1900	62.1	3058		
188.amp	2200	104	2112		
189.lucas	2000	75.3	2658		
191.fma3d	2100	109	1921		
200.sixtrack	1100	91.6	1201		
301.apsi	2600	166	1570		

### Hardware

CPU: Intel Xeon processor 5160 ( 3.0 GHz, 1333 MHz bus)  
CPU MHz: 3000  
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  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 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 Package ID: W\_FC\_P\_9.1.020  
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 177.mesa: -fast +FDO shlw32M.lib
Base tuning for 179.art: -fast +FDO shlw32M.lib
Base tuning for 183.quake: -fast +FDO shlw32M.lib
Base tuning for 188.amp: -fast +FDO shlw32M.lib
Portability:
178.galgel: -FI /F32000000
```