



# CFP2000 Result

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## IBM Corporation

IBM System X 3550 (1.6 GHz Xeon E5310, 8MB L2 Cache)

SPECfp2000 = --

SPECfp\_base2000 = 1629

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Oct-2006 | Hardware Avail: Dec-2006 | Software Avail: Mar-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	68.3	2343		
171.swim	3100	149	2079		
172.mgrid	1800	172	1045		
173.applu	2100	168	1251		
177.mesa	1400	90.3	1550		
178.galgel	2900	74.7	3880		
179.art	2600	46.8	5554		
183.earth	1300	63.3	2054		
187.facerec	1900	120	1587		
188.amp	2200	188	1173		
189.lucas	2000	138	1446		
191.fma3d	2100	172	1220		
200.sixtrack	1100	172	640		
301.apsi	2600	258	1007		

### Hardware

CPU: Intel Xeon processor E5310 ( 1.6 GHz, 1066 MHz bus)  
CPU MHz: 1600  
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
```