



# CFP2000 Result

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## IBM Corporation

IBM System X 3650 (1.60 GHz Xeon 5110, 4MB L2 Cache)

SPECfp2000 = --

SPECfp\_base2000 = 1639

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	67.8	2361		
171.swim	3100	144	2154		
172.mgrid	1800	171	1050		
173.applu	2100	166	1262		
177.mesa	1400	90.5	1547		
178.galgel	2900	74.6	3888		
179.art	2600	46.7	5567		
183.earthquake	1300	62.8	2071		
187.facerec	1900	119	1591		
188.amp	2200	187	1174		
189.lucas	2000	138	1451		
191.fma3d	2100	170	1233		
200.sixtrack	1100	171	642		
301.apsi	2600	257	1010		

### Hardware

CPU: Intel Xeon processor 5110 ( 1.60 GHz, 1333 MHz bus)  
CPU MHz: 1600  
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
```