



# CFP2000 Result

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## IBM Corporation

IBM System X 3500 (2.0 GHz Xeon 5130, 4MB L2 Cache)

SPECfp2000 = --

SPECfp\_base2000 = 2022

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	55.4	2890			
171.swim	3100	117	2657			
172.mgrid	1800	138	1307			
173.applu	2100	135	1557			
177.mesa	1400	72.6	1929			
178.galgel	2900	59.5	4874			
179.art	2600	37.5	6942			
183.quake	1300	51.8	2512			
187.facerec	1900	96.0	1979			
188.amp	2200	151	1455			
189.lucas	2000	112	1781			
191.fma3d	2100	138	1524			
200.sixtrack	1100	137	801			
301.apsi	2600	218	1193			

### Hardware

CPU: Intel Xeon processor 5130 ( 2.0 GHz, 1333 MHz bus)  
 CPU MHz: 2000  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
 CPU(s) orderable: 1, 2 chips  
 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: 80GB SATA 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
```

This result was measured on an IBM System X 3400. IBM System X 3500 and IBM System X 3400 are electronically equivalent.