



# CFP2000 Result

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## IBM Corporation

IBM System X 3500 (2.67 GHz Xeon X5355, 8MB L2 Cache)

SPECfp\_rate2000 = --

SPECfp\_rate\_base2000 = 101

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	134	111			
171.swim	8	544	52.9			
172.mgrid	8	334	50.1			
173.applu	8	363	53.7			
177.mesa	8	58.1	224			
178.galgel	8	80.8	333			
179.art	8	97.3	248			
183.quake	8	175	68.9			
187.facerec	8	140	126			
188.amp	8	165	124			
189.lucas	8	317	58.6			
191.fma3d	8	295	66.0			
200.sixtrack	8	109	93.7			
301.apsi	8	242	99.5			

### Hardware

CPU: Intel Xeon processor X5355 ( 2.67 GHz, 1333 MHz bus)  
CPU MHz: 2667  
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: 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 3400 and IBM System X 3500 are electronically equivalent.