



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## IBM Corporation

IBM System X 3400 (2.33 GHz Xeon 5140, 4MB L2 Cache)

SPECfp\_rate2000 = --

SPECfp\_rate\_base2000 = 41.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	58.2	63.8			
171.swim	2	220	32.6			
172.mgrid	2	155	26.9			
173.applu	2	172	28.4			
177.mesa	2	61.2	53.1			
178.galgel	2	65.4	103			
179.art	2	55.3	109			
183.quake	2	73.6	41.0			
187.facerec	2	92.6	47.6			
188.amp	2	162	31.6			
189.lucas	2	131	35.5			
191.fma3d	2	156	31.3			
200.sixtrack	2	120	21.4			
301.apsi	2	223	27.1			

### Hardware

CPU: Intel Xeon processor 5140 (2.33 GHz, 1333 MHz bus)  
CPU MHz: 2333  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 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 3400 and IBM System X 3500 are electronically equivalent.