



CFP2000 Result

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IBM Corporation

IBM System X 3650 (2.33 GHz Xeon E5345, 8MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2235

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	52.2	3065			
171.swim	3100	119	2613			
172.mgrid	1800	124	1453			
173.applu	2100	126	1673			
177.mesa	1400	62.9	2227			
178.galgel	2900	51.5	5636			
179.art	2600	32.1	8097			
183.quake	1300	47.5	2736			
187.facerec	1900	85.9	2212			
188.amp	2200	132	1671			
189.lucas	2000	106	1884			
191.fma3d	2100	126	1664			
200.sixtrack	1100	118	935			
301.apsi	2600	196	1325			

Hardware

CPU: Intel Xeon processor E5345 (2.33 GHz, 1333 MHz bus)
CPU MHz: 2333
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 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
```