



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM System X 3650 (3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2670

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	46.3	3459		
171.swim	3100	110	2813		
172.mgrid	1800	101	1780		
173.applu	2100	111	1900		
177.mesa	1400	49.7	2818		
178.galgel	2900	40.1	7225		
179.art	2600	24.9	10426		
183.quake	1300	42.2	3080		
187.facerec	1900	70.7	2687		
188.amp	2200	105	2101		
189.lucas	2000	96.3	2077		
191.fma3d	2100	107	1968		
200.sixtrack	1100	91.4	1204		
301.apsi	2600	166	1563		

Hardware

CPU: Intel Xeon processor 5160 (3.0 GHz, 1333 MHz bus)
 CPU MHz: 3000
 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
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 1024 MB ECC PC2-5300
 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 Package ID: W_FC_P_9.1.020
 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 177.mesa: -fast +FDO shlw32M.lib
Base tuning for 179.art: -fast +FDO shlw32M.lib
Base tuning for 183.quake: -fast +FDO shlw32M.lib
Base tuning for 188.amp: -fast +FDO shlw32M.lib
Portability:
178.galgel: -FI /F32000000
```