



CFP2000 Result

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IBM Corporation

IBM System X 3650 (2.33 GHz Xeon 5140, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2258

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	51.4	3112		
171.swim	3100	114	2710		
172.mgrid	1800	123	1465		
173.applu	2100	124	1696		
177.mesa	1400	62.6	2236		
178.galgel	2900	51.3	5650		
179.art	2600	32.1	8109		
183.earth	1300	46.9	2771		
187.facerec	1900	85.2	2229		
188.amp	2200	131	1679		
189.lucas	2000	105	1909		
191.fma3d	2100	124	1688		
200.sixtrack	1100	117	937		
301.apsi	2600	195	1333		

Hardware

CPU: Intel Xeon processor 5140 (2.33 GHz, 1333 MHz bus)
 CPU MHz: 2333
 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 (per chip)
 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
```