



CFP2000 Result

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IBM Corporation

IBM System X 3200 (2.13 GHz Xeon X3210, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 59.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	93.0	79.8			
171.swim	4	417	34.5			
172.mgrid	4	254	32.9			
173.applu	4	289	33.7			
177.mesa	4	68.5	94.8			
178.galgel	4	83.0	162			
179.art	4	72.5	166			
183.quake	4	120	50.1			
187.facerec	4	115	76.9			
188.amp	4	176	58.1			
189.lucas	4	252	36.8			
191.fma3d	4	224	43.5			
200.sixtrack	4	131	38.9			
301.apsi	4	195	62.0			

Hardware

CPU: Intel Xeon processor X3210 (2.13 GHz, 1066 MHz bus)
 CPU MHz: 2133
 FPU: Integrated
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
 CPU(s) orderable: 1 chip
 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: 4 x 2048 MB ECC PC2-5300
 Disk Subsystem: 80GB SATA 7200 RPM
 Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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
```