



CFP2000 Result

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IBM Corporation

IBM System X 3250 (2.13 GHz Xeon X3210, 8MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2292

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	43.7	3665			
171.swim	3100	118	2634			
172.mgrid	1800	128	1406			
173.applu	2100	115	1829			
177.mesa	1400	66.5	2105			
178.galgel	2900	56.1	5171			
179.art	2600	34.9	7458			
183.quake	1300	42.1	3087			
187.facerec	1900	83.5	2275			
188.amp	2200	140	1577			
189.lucas	2000	86.6	2310			
191.fma3d	2100	126	1669			
200.sixtrack	1100	129	855			
301.apsi	2600	173	1500			

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: 73GB SAS 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

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+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
```