



CFP2000 Result

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IBM Corporation

IBM System X 3200 (2.4 GHz Xeon X3220, 8MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2514

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	41.1	3892		
171.swim	3100	111	2801		
172.mgrid	1800	115	1559		
173.applu	2100	107	1970		
177.mesa	1400	59.4	2358		
178.galgel	2900	50.0	5805		
179.art	2600	31.0	8391		
183.earth	1300	39.9	3255		
187.facerec	1900	75.2	2526		
188.amp	2200	126	1749		
189.lucas	2000	80.2	2493		
191.fma3d	2100	115	1825		
200.sixtrack	1100	114	961		
301.apsi	2600	156	1663		

Hardware

CPU: Intel Xeon processor X3220 (2.4 GHz, 1066 MHz bus)
CPU MHz: 2400
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

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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
```