



CFP2000 Result

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IBM Corporation

IBM System X 3250 (2.4 GHz Xeon X3220, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 63.3

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	89.3	83.1			
171.swim	4	401	35.8			
172.mgrid	4	245	34.1			
173.applu	4	279	34.9			
177.mesa	4	60.6	107			
178.galgel	4	75.7	178			
179.art	4	69.0	175			
183.quake	4	116	51.9			
187.facerec	4	107	82.6			
188.amp	4	160	63.7			
189.lucas	4	245	37.9			
191.fma3d	4	209	46.6			
200.sixtrack	4	117	43.6			
301.apsi	4	179	67.4			

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: 73GB SAS 10k 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
```