



CFP2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

IBM Corporation

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

SPECfp2000 = --

SPECfp_base2000 = 2504

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	41.2	3883		
171.swim	3100	114	2726		
172.mgrid	1800	116	1556		
173.applu	2100	107	1955		
177.mesa	1400	59.6	2350		
178.galgel	2900	49.9	5807		
179.art	2600	31.0	8400		
183.earth	1300	39.7	3274		
187.facerec	1900	75.5	2517		
188.amp	2200	126	1751		
189.lucas	2000	80.7	2478		
191.fma3d	2100	116	1816		
200.sixtrack	1100	114	961		
301.apsi	2600	157	1658		

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: 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
```