



CFP2000 Result

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IBM Corporation

IBM System X 3650 (2.00 GHz Xeon E5335, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 92.5

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	8	136	110			
171.swim	8	551	52.2			
172.mgrid	8	339	49.3			
173.applu	8	370	52.7			
177.mesa	8	76.2	171			
178.galgel	8	95.0	283			
179.art	8	101	239			
183.quake	8	178	67.7			
187.facerec	8	150	118			
188.amp	8	196	104			
189.lucas	8	321	57.7			
191.fma3d	8	304	64.2			
200.sixtrack	8	144	70.9			
301.apsi	8	269	89.7			

Hardware

CPU: Intel Xeon processor E5335 (2.0 GHz, 1333 MHz bus)
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1, 2 chips
 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: 8 x 1024 MB ECC PC2-5300F
 Disk Subsystem: 73GB SATA 15k 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
```