



CFP2000 Result

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IBM Corporation

IBM System X 3500 (3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 45.8

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Oct-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	54.4	68.3			
171.swim	2	217	33.2			
172.mgrid	2	152	27.5			
173.applu	2	164	29.7			
177.mesa	2	48.1	67.6			
178.galgel	2	54.4	124			
179.art	2	50.3	120			
183.quake	2	71.3	42.3			
187.facerec	2	80.2	54.9			
188.amp	2	136	37.5			
189.lucas	2	126	37.0			
191.fma3d	2	140	34.8			
200.sixtrack	2	93.3	27.3			
301.apsi	2	194	31.1			

Hardware

CPU: Intel Xeon processor 5160 (3.0 GHz, 1333 MHz bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1, 2 chips
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip (per core)
 Secondary Cache: 4096KB(I+D) on chip (per chip)
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 1024 MB ECC PC2-5300F
 Disk Subsystem: 80GB SATA 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
```

This result was measured on an IBM System X 3400. IBM System X 3500 and IBM System X 3400 are electronically equivalent.