



CFP2000 Result

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IBM Corporation

IBM System X 3550 (2.67 GHz Xeon X5355, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 103

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Nov-2006 | Hardware Avail: Feb-2007 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	128	116			
171.swim	8	530	54.3			
172.mgrid	8	325	51.4			
173.applu	8	354	55.0			
177.mesa	8	57.3	227			
178.galgel	8	80.0	336			
179.art	8	95.2	253			
183.quake	8	167	72.3			
187.facerec	8	139	127			
188.amp	8	165	124			
189.lucas	8	311	59.6			
191.fma3d	8	287	68.0			
200.sixtrack	8	110	92.8			
301.apsi	8	231	105			

Hardware

CPU: Intel Xeon processor X5355 (2.67 GHz, 1333 MHz bus)
 CPU MHz: 2667
 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 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
Bios Settings:
  High Bandwidth Mode : Enabled
```