



CFP2000 Result

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IBM Corporation

IBM System X 3650 (2.67 GHz Xeon X5355, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 101

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	134	110			
171.swim	8	546	52.7			
172.mgrid	8	335	49.9			
173.applu	8	365	53.5			
177.mesa	8	57.7	225			
178.galgel	8	81.0	332			
179.art	8	97.1	249			
183.quake	8	175	68.9			
187.facerec	8	144	123			
188.amp	8	162	126			
189.lucas	8	317	58.5			
191.fma3d	8	296	65.9			
200.sixtrack	8	109	94.0			
301.apsi	8	239	101			

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 15K 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
```