



CFP2000 Result

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IBM Corporation

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

SPECfp2000 = --

SPECfp_base2000 = 2445

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	49.0	3266		
171.swim	3100	117	2656		
172.mgrid	1800	112	1610		
173.applu	2100	118	1777		
177.mesa	1400	55.7	2515		
178.galgel	2900	45.2	6422		
179.art	2600	28.1	9250		
183.quake	1300	44.9	2898		
187.facerec	1900	77.6	2450		
188.amp	2200	117	1888		
189.lucas	2000	101	1972		
191.fma3d	2100	116	1806		
200.sixtrack	1100	103	1068		
301.apsi	2600	180	1445		

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
```