



CFP2000 Result

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IBM Corporation

IBM System X 3650 (1.86 GHz Xeon E5320, 8MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 1798

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	65.1	2456			
171.swim	3100	148	2101			
172.mgrid	1800	154	1165			
173.applu	2100	157	1341			
177.mesa	1400	78.6	1781			
178.galgel	2900	64.3	4510			
179.art	2600	40.1	6477			
183.quake	1300	59.1	2201			
187.facerec	1900	107	1772			
188.amp	2200	165	1337			
189.lucas	2000	132	1516			
191.fma3d	2100	157	1334			
200.sixtrack	1100	147	747			
301.apsi	2600	232	1119			

Hardware

CPU: Intel Xeon processor E5320 (1.86 GHz, 1066 MHz bus)
CPU MHz: 1866
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
```