



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM System X 3650 (1.86 GHz Xeon 5120, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 1822

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	63.7	2512			
171.swim	3100	142	2181			
172.mgrid	1800	153	1175			
173.applu	2100	154	1367			
177.mesa	1400	78.2	1790			
178.galgel	2900	64.1	4526			
179.art	2600	40.0	6495			
183.earthquake	1300	58.1	2238			
187.facerec	1900	106	1795			
188.amp	2200	164	1345			
189.lucas	2000	129	1547			
191.fma3d	2100	155	1357			
200.sixtrack	1100	147	749			
301.apsi	2600	231	1127			

Hardware

CPU: Intel Xeon processor 5120 (1.86 GHz, 1333 MHz bus)
CPU MHz: 1866
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1, 2
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: 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
```