



CFP2000 Result

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IBM Corporation

IBM BladeCenter HS21 (1.86 GHz Xeon 5120, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 1805

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	65.4	2447			
171.swim	3100	143	2164			
172.mgrid	1800	153	1179			
173.applu	2100	156	1342			
177.mesa	1400	78.5	1783			
178.galgel	2900	63.8	4542			
179.art	2600	40.0	6495			
183.earth	1300	59.4	2190			
187.facerec	1900	107	1780			
188.amp	2200	165	1332			
189.lucas	2000	132	1510			
191.fma3d	2100	157	1341			
200.sixtrack	1100	147	748			
301.apsi	2600	232	1120			

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: Memory and I/O Expansion Unit (P/N 42C1600)

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

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+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
```