



CFP2000 Result

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IBM Corporation

IBM BladeCenter HS21 XM (1.60 GHz Xeon 5110, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 1622

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	69.1	2314		
171.swim	3100	146	2119		
172.mgrid	1800	173	1039		
173.applu	2100	169	1243		
177.mesa	1400	90.8	1541		
178.galgel	2900	74.9	3874		
179.art	2600	46.6	5584		
183.quake	1300	64.3	2023		
187.facerec	1900	120	1578		
188.amp	2200	189	1165		
189.lucas	2000	141	1423		
191.fma3d	2100	172	1219		
200.sixtrack	1100	172	641		
301.apsi	2600	260	1002		

Hardware

CPU: Intel Xeon processor 5110 (1.60 GHz, 1066 MHz bus)
 CPU MHz: 1600
 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 2048 MB ECC PC2-5300F
 Disk Subsystem: 73GB SAS 10K RPM
 Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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
```