



CFP2000 Result

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IBM Corporation

IBM BladeCenter HS21 (2.33 GHz Xeon E5345, 8MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2204

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	54.0	2965			
171.swim	3100	121	2563			
172.mgrid	1800	124	1454			
173.applu	2100	129	1631			
177.mesa	1400	63.0	2223			
178.galgel	2900	51.2	5660			
179.art	2600	31.9	8141			
183.quake	1300	49.2	2642			
187.facerec	1900	87.4	2173			
188.amp	2200	133	1652			
189.lucas	2000	110	1817			
191.fma3d	2100	128	1640			
200.sixtrack	1100	118	935			
301.apsi	2600	199	1308			

Hardware

CPU: Intel Xeon processor E5345 (2.33 GHz, 1333 MHz bus)
CPU MHz: 2333
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 10K 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
```