



CFP2000 Result

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IBM Corporation

IBM BladeCenter HS21 (2.66 GHz Xeon 5150, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2432

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	50.0	3201		
171.swim	3100	114	2722		
172.mgrid	1800	112	1613		
173.applu	2100	120	1757		
177.mesa	1400	55.7	2514		
178.galgel	2900	44.9	6458		
179.art	2600	28.0	9281		
183.earth	1300	46.0	2828		
187.facerec	1900	78.8	2412		
188.amp	2200	118	1868		
189.lucas	2000	104	1931		
191.fma3d	2100	116	1803		
200.sixtrack	1100	103	1069		
301.apsi	2600	181	1436		

Hardware

CPU: Intel Xeon processor 5150 (2.66 GHz, 1333 MHz bus)
CPU MHz: 2667
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

```
+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
```