



CFP2000 Result

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IBM Corporation

IBM BladeCenter HS21 (2.0 GHz Xeon 5130, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2007

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	56.3	2840		
171.swim	3100	118	2638		
172.mgrid	1800	138	1300		
173.applu	2100	137	1535		
177.mesa	1400	72.8	1924		
178.galgel	2900	59.4	4882		
179.art	2600	37.4	6960		
183.quake	1300	52.3	2484		
187.facerec	1900	97.1	1956		
188.amp	2200	152	1451		
189.lucas	2000	116	1730		
191.fma3d	2100	139	1515		
200.sixtrack	1100	137	802		
301.apsi	2600	219	1189		

Hardware

CPU: Intel Xeon processor 5130 (2.0 GHz, 1333 MHz bus)
CPU MHz: 2000
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
```