



CFP2000 Result

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IBM Corporation

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

SPECfp2000 = --

SPECfp_base2000 = 2019

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	55.4	2888			
171.swim	3100	117	2641			
172.mgrid	1800	139	1299			
173.applu	2100	135	1555			
177.mesa	1400	72.6	1929			
178.galgel	2900	59.9	4843			
179.art	2600	37.3	6971			
183.earthquake	1300	51.8	2512			
187.facerec	1900	96.8	1963			
188.ammp	2200	150	1466			
189.lucas	2000	113	1777			
191.fma3d	2100	138	1523			
200.sixtrack	1100	137	802			
301.apsi	2600	218	1192			

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 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

```
+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
```