



# CINT2000 Result

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## IBM Corporation

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

SPECint2000 = --

SPECint\_base2000 = 2101

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	1000 2000 3000 4000			
164.gzip	1400	113	1242			[Bar chart showing ratio]			
175.vpr	1400	91.1	1536			[Bar chart showing ratio]			
176.gcc	1100	48.1	2286			[Bar chart showing ratio]			
181.mcf	1800	52.3	3444			[Bar chart showing ratio]			
186.crafty	1000	53.8	1858			[Bar chart showing ratio]			
197.parser	1800	115	1559			[Bar chart showing ratio]			
252.eon	1300	49.8	2609			[Bar chart showing ratio]			
253.perlbmk	1800	73.0	2466			[Bar chart showing ratio]			
254.gap	1100	53.8	2044			[Bar chart showing ratio]			
255.vortex	1900	53.0	3582			[Bar chart showing ratio]			
256.bzip2	1500	95.8	1566			[Bar chart showing ratio]			
300.twolf	3000	130	2302			[Bar chart showing ratio]			

### 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++ 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 C programs: -fast +FDO shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```