



# CINT2000 Result

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## IBM Corporation

IBM System X 3250 (2.133 GHz Xeon X3210, 8MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 2279

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	
164.gzip	1400	106	1324			
175.vpr	1400	83.3	1681			
176.gcc	1100	44.5	2474			
181.mcf	1800	46.6	3859			
186.crafty	1000	50.6	1978			
197.parser	1800	108	1667			
252.eon	1300	46.9	2774			
253.perlbmk	1800	68.9	2614			
254.gap	1100	47.9	2296			
255.vortex	1900	48.0	3957			
256.bzip2	1500	86.7	1730			
300.twolf	3000	122	2461			

### Hardware

CPU: Intel Xeon processor X3210 (2.133 GHz, 1066 MHz bus)  
CPU MHz: 2133  
FPU: Integrated  
CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip  
CPU(s) orderable: 1 chip  
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: 4 x 2048 MB ECC PC2-5300  
Disk Subsystem: 73GB SAS 10k RPM  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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
```