



# CINT2000 Result

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## IBM Corporation

IBM System X 3550 (2.33 GHz Xeon E5345, 8MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 2413

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Nov-2006 | Hardware Avail: Feb-2007 | Software Avail: Mar-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	97.1	1442		
175.vpr	1400	79.5	1762		
176.gcc	1100	43.2	2546		
181.mcf	1800	46.6	3864		
186.crafty	1000	46.3	2161		
197.parser	1800	99.7	1806		
252.eon	1300	42.8	3039		
253.perlbmk	1800	62.8	2868		
254.gap	1100	47.3	2328		
255.vortex	1900	46.6	4076		
256.bzip2	1500	83.2	1803		
300.twolf	3000	112	2685		

### Hardware

CPU: Intel Xeon processor E5345 ( 2.33 GHz, 1333 MHz bus)  
CPU MHz: 2333  
FPU: Integrated  
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
CPU(s) orderable: 1, 2 chips  
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: 8 x 1024 MB ECC PC2-5300F  
Disk Subsystem: 73GB SAS 10K RPM  
Other Hardware:

### 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
```