



# CINT2000 Result

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## IBM Corporation

IBM System X 3650 (2.33 GHz Xeon E5345, 8MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 2399

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	79.7	1757			
176.gcc	1100	45.4	2422			
181.mcf	1800	46.8	3848			
186.crafty	1000	46.3	2161			
197.parser	1800	99.6	1807			
252.eon	1300	42.8	3039			
253.perlbmk	1800	63.5	2836			
254.gap	1100	47.3	2325			
255.vortex	1900	46.7	4068			
256.bzip2	1500	83.3	1801			
300.twolf	3000	112	2691			

### 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 15K 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
```