



# CINT2000 Result

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## IBM Corporation

IBM System X 3400 (2.33 GHz Xeon 5140, 4MB L2 Cache)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 99.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	99.4	65.3			
175.vpr	4	91.0	71.4			
176.gcc	4	47.6	107			
181.mcf	4	90.0	92.8			
186.crafty	4	46.3	100			
197.parser	4	109	76.9			
252.eon	4	42.9	141			
253.perlbnk	4	65.5	128			
254.gap	4	52.4	97.3			
255.vortex	4	52.8	167			
256.bzip2	4	96.8	71.9			
300.twolf	4	112	124			

### Hardware

CPU: Intel Xeon processor 5140 (2.33 GHz, 1333 MHz bus)  
CPU MHz: 2333  
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: 80GB SATA 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.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```