



# CINT2000 Result

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## IBM Corporation

IBM System X 3500 (2.66 GHz Xeon 5150, 4MB L2 Cache)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 110

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
250	200	150	100	164.gzip	4	87.4	74.3			
				175.vpr	4	82.7	78.6			
				176.gcc	4	46.8	109			
				181.mcf	4	86.0	97.2			
				186.crafty	4	40.5	115			
				197.parser	4	96.4	86.6			
				252.eon	4	37.5	161			
				253.perlbnk	4	57.8	145			
				254.gap	4	48.5	105			
				255.vortex	4	48.2	183			
				256.bzip2	4	86.2	80.8			
				300.twolf	4	98.2	142			

### Hardware

CPU: Intel Xeon processor 5150 (2.66 GHz, 1333 MHz bus)  
CPU MHz: 2667  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
CPU(s) orderable: 1, 2 chips  
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
```

This result was measured on an IBM System X 3400. IBM System X 3500 and IBM System X 3400 are electronically equivalent.