



# CINT2000 Result

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## IBM Corporation

IBM System X 3500 (2.0 GHz Xeon 5130, 4MB L2 Cache)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 44.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	114	28.5			
175.vpr	2	99.7	32.6			
176.gcc	2	52.0	49.0			
181.mcf	2	93.2	44.8			
186.crafty	2	54.0	43.0			
197.parser	2	124	33.7			
252.eon	2	50.0	60.3			
253.perlbnk	2	75.1	55.6			
254.gap	2	55.1	46.3			
255.vortex	2	56.7	77.8			
256.bzip2	2	105	33.3			
300.twolf	2	131	53.2			

### Hardware

CPU: Intel Xeon processor 5130 ( 2.0 GHz, 1333 MHz bus)  
CPU MHz: 2000  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 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.