



# CINT2000 Result

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## IBM Corporation

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

SPECint2000 = --

SPECint\_base2000 = 2705

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.2	1643			
175.vpr	1400	71.3	1964			
176.gcc	1100	41.1	2675			
181.mcf	1800	42.8	4209			
186.crafty	1000	40.5	2470			
197.parser	1800	87.6	2054			
252.eon	1300	37.5	3467			
253.perlbmk	1800	55.0	3271			
254.gap	1100	42.7	2575			
255.vortex	1900	41.7	4559			
256.bzip2	1500	73.7	2036			
300.twolf	3000	97.9	3066			

### 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.perlbmk: -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.