



# CINT2000 Result

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## IBM Corporation

IBM System X 3200 (2.13 GHz Xeon 3050, 4MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 2166

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	105	1331						
175.vpr	1400	89.3	1568						
176.gcc	1100	45.5	2418						
181.mcf	1800	65.3	2755						
186.crafty	1000	50.4	1983						
197.parser	1800	112	1612						
252.eon	1300	46.7	2784						
253.perlbmk	1800	69.4	2594						
254.gap	1100	48.0	2291						
255.vortex	1900	50.4	3771						
256.bzip2	1500	96.1	1561						
300.twolf	3000	122	2467						

### Hardware

CPU: Intel Xeon processor 3050 (2.13 GHz, 1066 MHz bus)  
CPU MHz: 2133  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1 chip  
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: 4 x 1024 MB ECC PC2-5300  
Disk Subsystem: 73GB SAS 15K RPM  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition (32-bit)  
Compiler: Intel C++ 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
```