



# CINT2000 Result

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## IBM Corporation

IBM System X 3200 (2.4 GHz Xeon 3060, 4MB L2 Cache)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 53.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	94.9	34.2			
175.vpr	2	85.5	38.0			
176.gcc	2	43.0	59.3			
181.mcf	2	76.6	54.5			
186.crafty	2	44.9	51.6			
197.parser	2	103	40.7			
252.eon	2	41.5	72.6			
253.perlbnk	2	62.1	67.2			
254.gap	2	46.4	55.0			
255.vortex	2	47.4	93.0			
256.bzip2	2	89.9	38.7			
300.twolf	2	109	63.7			

### Hardware

CPU: Intel Xeon processor 3060 ( 2.4 GHz, 1066 MHz bus)  
CPU MHz: 2400  
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.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```