



# CINT2000 Result

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## IBM Corporation

IBM System X 3250 (2.4 GHz Xeon X3220, 8MB L2 Cache)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 99.1

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jan-2007 | Hardware Avail: Feb-2007 | Software Avail: Mar-2006

| Benchmark   | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip    | 4           | 96.0         | 67.7       |        |         |       |
| 175.vpr     | 4           | 97.8         | 66.4       |        |         |       |
| 176.gcc     | 4           | 44.9         | 114        |        |         |       |
| 181.mcf     | 4           | 111          | 75.2       |        |         |       |
| 186.crafty  | 4           | 45.0         | 103        |        |         |       |
| 197.parser  | 4           | 105          | 79.5       |        |         |       |
| 252.eon     | 4           | 41.8         | 144        |        |         |       |
| 253.perlbnk | 4           | 63.6         | 131        |        |         |       |
| 254.gap     | 4           | 57.3         | 89.1       |        |         |       |
| 255.vortex  | 4           | 50.3         | 175        |        |         |       |
| 256.bzip2   | 4           | 92.0         | 75.7       |        |         |       |
| 300.twolf   | 4           | 109          | 127        |        |         |       |

### Hardware

CPU: Intel Xeon processor X3220 (2.4 GHz, 1066 MHz bus)  
 CPU MHz: 2400  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip  
 CPU(s) orderable: 1 chip  
 Parallel: No  
 Primary Cache: 32KB(I) + 32KB(D) on chip (per core)  
 Secondary Cache: 8MB(I+D) on chip, per chip (4MB shared per 2 cores)  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4 x 2048 MB ECC PC2-5300  
 Disk Subsystem: 73GB SAS 10k RPM  
 Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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
```