



# CINT2000 Result

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## IBM Corporation

IBM System X 3550 (3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 3041

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

| Benchmark   | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |  |
|-------------|----------------|--------------|------------|---------|-------|--|
| 164.gzip    | 1400           | 75.4         | 1857       |         |       |  |
| 175.vpr     | 1400           | 64.4         | 2175       |         |       |  |
| 176.gcc     | 1100           | 35.5         | 3100       |         |       |  |
| 181.mcf     | 1800           | 39.8         | 4528       |         |       |  |
| 186.crafty  | 1000           | 35.9         | 2785       |         |       |  |
| 197.parser  | 1800           | 78.3         | 2299       |         |       |  |
| 252.eon     | 1300           | 33.2         | 3912       |         |       |  |
| 253.perlbmk | 1800           | 49.0         | 3671       |         |       |  |
| 254.gap     | 1100           | 37.3         | 2947       |         |       |  |
| 255.vortex  | 1900           | 38.0         | 4996       |         |       |  |
| 256.bzip2   | 1500           | 63.5         | 2362       |         |       |  |
| 300.twolf   | 3000           | 86.9         | 3452       |         |       |  |

### Hardware

CPU: Intel Xeon processor 5160 ( 3.0 GHz, 1333 MHz bus)  
 CPU MHz: 3000  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
 CPU(s) orderable: 1, 2  
 Parallel: No  
 Primary Cache: 32KB(I) + 32KB(D) on chip (per core)  
 Secondary Cache: 4096KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8 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++ and Fortran Compiler 9.1 for 32-bit applications  
 Build 20060323Z Package ID: W\_FC\_P\_9.1.020  
 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
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```