



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## IBM Corporation

IBM System X 3650 (2.0 GHz Xeon 5130, 4MB L2 Cache)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 88.0

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

| Benchmark   | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip    | 4           | 115          | 56.4       |        |         |       |
| 175.vpr     | 4           | 101          | 64.2       |        |         |       |
| 176.gcc     | 4           | 53.0         | 96.2       |        |         |       |
| 181.mcf     | 4           | 93.7         | 89.1       |        |         |       |
| 186.crafty  | 4           | 53.9         | 86.1       |        |         |       |
| 197.parser  | 4           | 124          | 67.6       |        |         |       |
| 252.eon     | 4           | 49.8         | 121        |        |         |       |
| 253.perlbnk | 4           | 75.9         | 110        |        |         |       |
| 254.gap     | 4           | 58.0         | 88.0       |        |         |       |
| 255.vortex  | 4           | 59.1         | 149        |        |         |       |
| 256.bzip2   | 4           | 108          | 64.4       |        |         |       |
| 300.twolf   | 4           | 131          | 106        |        |         |       |

### Hardware

CPU: Intel Xeon processor 5130 ( 2.0 GHz, 1333 MHz bus)  
CPU MHz: 2000  
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 (per chip)  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 1024 MB ECC PC2-5300F  
Disk Subsystem: 73GB SAS 15K 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.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```