



CINT2000 Result

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IBM Corporation

IBM System X 3550 (2.33 GHz Xeon 5140, 4MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 2441

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|-------------|----------------|--------------|------------|---------|-------|--|
| 164.gzip | 1400 | 96.4 | 1452 | | | |
| 175.vpr | 1400 | 79.0 | 1773 | | | |
| 176.gcc | 1100 | 41.8 | 2635 | | | |
| 181.mcf | 1800 | 46.2 | 3893 | | | |
| 186.crafty | 1000 | 46.2 | 2165 | | | |
| 197.parser | 1800 | 99.2 | 1815 | | | |
| 252.eon | 1300 | 42.7 | 3043 | | | |
| 253.perlbmk | 1800 | 62.5 | 2879 | | | |
| 254.gap | 1100 | 45.8 | 2403 | | | |
| 255.vortex | 1900 | 46.6 | 4079 | | | |
| 256.bzip2 | 1500 | 80.3 | 1867 | | | |
| 300.twolf | 3000 | 112 | 2686 | | | |

Hardware

CPU: Intel Xeon processor 5140 (2.33 GHz, 1333 MHz bus)
 CPU MHz: 2333
 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.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```