



CINT2000 Result

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IBM Corporation

IBM System X 3400 (2.0 GHz Xeon 5130, 4MB L2 Cache)

SPECint_rate2000 = --

SPECint_rate_base2000 = 87.7

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 | 116 | 56.2 | | | |
| 175.vpr | 4 | 102 | 63.8 | | | |
| 176.gcc | 4 | 53.3 | 95.7 | | | |
| 181.mcf | 4 | 94.5 | 88.4 | | | |
| 186.crafty | 4 | 54.0 | 86.0 | | | |
| 197.parser | 4 | 124 | 67.4 | | | |
| 252.eon | 4 | 50.2 | 120 | | | |
| 253.perlbmk | 4 | 75.7 | 110 | | | |
| 254.gap | 4 | 58.2 | 87.8 | | | |
| 255.vortex | 4 | 59.3 | 149 | | | |
| 256.bzip2 | 4 | 109 | 64.0 | | | |
| 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: 80GB SATA 10K 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
```