



CINT2000 Result

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IBM Corporation

IBM System X 3500 (1.86 GHz Xeon 5120, 4MB L2 Cache)

SPECint_rate2000 = --

SPECint_rate_base2000 = 41.7

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

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip | 2 | 122 | 26.6 | | | |
| 175.vpr | 2 | 107 | 30.3 | | | |
| 176.gcc | 2 | 56.4 | 45.2 | | | |
| 181.mcf | 2 | 99.3 | 42.1 | | | |
| 186.crafty | 2 | 57.8 | 40.1 | | | |
| 197.parser | 2 | 133 | 31.3 | | | |
| 252.eon | 2 | 53.6 | 56.3 | | | |
| 253.perlbnk | 2 | 80.5 | 51.8 | | | |
| 254.gap | 2 | 58.4 | 43.7 | | | |
| 255.vortex | 2 | 61.5 | 71.7 | | | |
| 256.bzip2 | 2 | 111 | 31.3 | | | |
| 300.twolf | 2 | 140 | 49.6 | | | |

Hardware

CPU: Intel Xeon processor 5120 (1.86 GHz, 1066 MHz bus)
CPU MHz: 1866
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1, 2 chips
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.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```

This result was measured on an IBM System X 3400. IBM System X 3500 and IBM System X 3400 are electronically equivalent.