



CINT2000 Result

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IBM Corporation

IBM System X 3200 (2.133 GHz Xeon X3210, 8MB L2 Cache)

SPECint_rate2000 = --

SPECint_rate_base2000 = 89.7

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jan-2007 | Hardware Avail: Feb-2007 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	108	60.3			
175.vpr	4	106	61.1			
176.gcc	4	49.8	102			
181.mcf	4	117	71.7			
186.crafty	4	50.7	91.6			
197.parser	4	117	71.6			
252.eon	4	46.9	129			
253.perlbmk	4	70.9	118			
254.gap	4	62.1	82.2			
255.vortex	4	55.5	159			
256.bzip2	4	101	68.8			
300.twolf	4	123	113			

Hardware

CPU: Intel Xeon processor X3210 (2.13 GHz, 1066 MHz bus)
CPU MHz: 2133
FPU: Integrated
CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
CPU(s) orderable: 1 chip
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip (per core)
Secondary Cache: 8MB(I+D) on chip, per chip (4MB shared per 2 cores)
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 2048 MB ECC PC2-5300
Disk Subsystem: 80GB SATA 7200 RPM
Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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
```