



CINT2000 Result

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IBM Corporation

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

SPECint2000 = --

SPECint_base2000 = 2270

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	106	1323			
175.vpr	1400	84.1	1664			
176.gcc	1100	44.6	2465			
181.mcf	1800	47.6	3785			
186.crafty	1000	50.6	1978			
197.parser	1800	108	1666			
252.eon	1300	46.9	2773			
253.perlbmk	1800	68.5	2626			
254.gap	1100	48.2	2284			
255.vortex	1900	48.3	3933			
256.bzip2	1500	86.9	1726			
300.twolf	3000	123	2449			

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
```