



CINT2000 Result

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IBM Corporation

IBM System X 3400 (2.67 GHz Xeon X5355, 8MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 2697

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.2	1643			
175.vpr	1400	71.4	1960			
176.gcc	1100	41.6	2645			
181.mcf	1800	43.1	4180			
186.crafty	1000	40.5	2471			
197.parser	1800	87.7	2053			
252.eon	1300	37.5	3465			
253.perlbmk	1800	55.5	3244			
254.gap	1100	42.9	2567			
255.vortex	1900	41.8	4541			
256.bzip2	1500	73.8	2033			
300.twolf	3000	97.5	3078			

Hardware

CPU: Intel Xeon processor X5355 (2.67 GHz, 1333 MHz bus)
CPU MHz: 2667
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
CPU(s) orderable: 1, 2 chips
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: 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

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+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
```

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