



CINT2000 Result

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IBM Corporation

IBM System X 3650 (2.67 GHz Xeon X5355, 8MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 2699

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	85.3	1642			
175.vpr	1400	71.3	1964			
176.gcc	1100	41.3	2666			
181.mcf	1800	42.9	4195			
186.crafty	1000	40.5	2470			
197.parser	1800	87.7	2053			
252.eon	1300	37.4	3474			
253.perlbmk	1800	55.8	3228			
254.gap	1100	42.8	2568			
255.vortex	1900	41.9	4534			
256.bzip2	1500	73.8	2033			
300.twolf	3000	97.5	3075			

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: 73GB SAS 15K 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
```