



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## IBM Corporation

IBM System X 3650 (1.6 GHz Xeon E5310, 8MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 1684

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	141	990			
175.vpr	1400	113	1237			
176.gcc	1100	60.0	1833			
181.mcf	1800	64.2	2802			
186.crafty	1000	67.5	1482			
197.parser	1800	144	1249			
252.eon	1300	62.4	2084			
253.perlbmk	1800	92.0	1956			
254.gap	1100	67.0	1641			
255.vortex	1900	66.0	2877			
256.bzip2	1500	120	1255			
300.twolf	3000	163	1845			

### Hardware

CPU: Intel Xeon processor E5310 ( 1.6 GHz, 1066 MHz bus)  
CPU MHz: 1600  
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
```