



# CINT2000 Result

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## IBM Corporation

IBM BladeCenter HS21 (2.66 GHz Xeon 5150, 4MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 2695

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.0	1647			
175.vpr	1400	71.9	1946			
176.gcc	1100	41.4	2660			
181.mcf	1800	43.5	4135			
186.crafty	1000	40.4	2475			
197.parser	1800	87.7	2053			
252.eon	1300	37.4	3478			
253.perlbmk	1800	55.2	3259			
254.gap	1100	42.9	2565			
255.vortex	1900	42.1	4517			
256.bzip2	1500	73.9	2030			
300.twolf	3000	97.7	3070			

### Hardware

CPU: Intel Xeon processor 5150 (2.66 GHz, 1333 MHz bus)  
CPU MHz: 2667  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
CPU(s) orderable: 1, 2  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip (per core)  
Secondary Cache: 4096KB(I+D) on chip (per chip)  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 1024 MB ECC PC2-5300F  
Disk Subsystem: 73GB SAS 15K RPM  
Other Hardware: Memory and I/O Expansion Unit (P/N 42C1600)

### 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
```