



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## IBM Corporation

IBM Bladecenter HS21(3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECint2000 = --

SPECint\_base2000 = 2982

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	2000 4000 6000 8000			
164.gzip	1400	75.9	1844						
175.vpr	1400	65.5	2137						
176.gcc	1100	37.6	2922						
181.mcf	1800	40.9	4405						
186.crafty	1000	35.9	2784						
197.parser	1800	78.6	2291						
252.eon	1300	33.2	3912						
253.perlbmk	1800	49.7	3625						
254.gap	1100	39.3	2801						
255.vortex	1900	38.4	4951						
256.bzip2	1500	66.7	2250						
300.twolf	3000	86.9	3451						

### Hardware

CPU: Intel Xeon processor 5160 ( 3.0 GHz, 1333 MHz bus)  
CPU MHz: 3000  
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  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 1024 MB ECC PC2-5300  
Disk Subsystem: 73GB SAS 15K RPM  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition (32-bit)  
Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications  
Build 20060323Z Package ID: W\_FC\_P\_9.1.020  
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
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```