



# CINT2000 Result

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## IBM Corporation

IBM BladeCenter HS21 XM (1.86 GHz Xeon 5120, 4MB L2 Cache)

SPECint2000 = --  
SPECint\_base2000 = 1917

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

| Benchmark   | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | 1000  | 2000  | 3000  | 4000  |
|-------------|----------------|--------------|------------|---------|-------|-------|-------|-------|-------|
| 164.gzip    | 1400           | 121          | 1155       |         |       | ..... | ..... | ..... | ..... |
| 175.vpr     | 1400           | 100.0        | 1400       |         |       | ..... | ..... | ..... | ..... |
| 176.gcc     | 1100           | 55.5         | 1982       |         |       | ..... | ..... | ..... | ..... |
| 181.mcf     | 1800           | 59.0         | 3053       |         |       | ..... | ..... | ..... | ..... |
| 186.crafty  | 1000           | 57.8         | 1732       |         |       | ..... | ..... | ..... | ..... |
| 197.parser  | 1800           | 125          | 1436       |         |       | ..... | ..... | ..... | ..... |
| 252.eon     | 1300           | 53.8         | 2419       |         |       | ..... | ..... | ..... | ..... |
| 253.perlbmk | 1800           | 79.5         | 2263       |         |       | ..... | ..... | ..... | ..... |
| 254.gap     | 1100           | 59.2         | 1859       |         |       | ..... | ..... | ..... | ..... |
| 255.vortex  | 1900           | 58.7         | 3239       |         |       | ..... | ..... | ..... | ..... |
| 256.bzip2   | 1500           | 105          | 1435       |         |       | ..... | ..... | ..... | ..... |
| 300.twolf   | 3000           | 140          | 2146       |         |       | ..... | ..... | ..... | ..... |

### Hardware

CPU: Intel Xeon processor 5120 (1.86 GHz, 1066 MHz bus)  
CPU MHz: 1866  
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 2048 MB ECC PC2-5300F  
Disk Subsystem: 73GB SAS 10K RPM  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-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
```