



CINT2000 Result

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IBM Corporation

IBM BladeCenter HS21 (1.86 GHz Xeon E5320, 8MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 1917

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	1000 2000 3000 4000			
164.gzip	1400	121	1155			[Bar chart showing ratio]			
175.vpr	1400	99.8	1403			[Bar chart showing ratio]			
176.gcc	1100	57.6	1911			[Bar chart showing ratio]			
181.mcf	1800	58.7	3065			[Bar chart showing ratio]			
186.crafty	1000	57.7	1732			[Bar chart showing ratio]			
197.parser	1800	124	1446			[Bar chart showing ratio]			
252.eon	1300	53.4	2436			[Bar chart showing ratio]			
253.perlbmk	1800	79.4	2268			[Bar chart showing ratio]			
254.gap	1100	59.3	1854			[Bar chart showing ratio]			
255.vortex	1900	58.3	3257			[Bar chart showing ratio]			
256.bzip2	1500	104	1443			[Bar chart showing ratio]			
300.twolf	3000	139	2156			[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor E5320 (1.86 GHz, 1066 MHz bus)
CPU MHz: 1866
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 10K 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

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+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
```