



CINT2000 Result

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IBM Corporation

IBM BladeCenter HS21 XM (2.0 GHz Xeon E5335, 8MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 2099

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	113	1239			[Bar chart showing ratio]			
175.vpr	1400	90.9	1541			[Bar chart showing ratio]			
176.gcc	1100	48.1	2286			[Bar chart showing ratio]			
181.mcf	1800	52.1	3455			[Bar chart showing ratio]			
186.crafty	1000	53.9	1857			[Bar chart showing ratio]			
197.parser	1800	116	1558			[Bar chart showing ratio]			
252.eon	1300	50.0	2601			[Bar chart showing ratio]			
253.perlbmk	1800	73.8	2438			[Bar chart showing ratio]			
254.gap	1100	53.8	2045			[Bar chart showing ratio]			
255.vortex	1900	53.1	3575			[Bar chart showing ratio]			
256.bzip2	1500	95.8	1566			[Bar chart showing ratio]			
300.twolf	3000	130	2307			[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor E5335 (2.00 GHz, 1333 MHz bus)
CPU MHz: 2000
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
CPU(s) orderable: 1, 2
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 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

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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
```