



CINT2000 Result

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IBM Corporation

IBM System X 3650 (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	1236						
175.vpr	1400	90.7	1543						
176.gcc	1100	48.1	2286						
181.mcf	1800	51.7	3485						
186.crafty	1000	54.0	1852						
197.parser	1800	116	1557						
252.eon	1300	50.1	2594						
253.perlbmk	1800	73.9	2437						
254.gap	1100	53.7	2049						
255.vortex	1900	53.1	3580						
256.bzip2	1500	95.8	1566						
300.twolf	3000	130	2302						

Hardware

CPU: Intel Xeon processor E5335 (2.0 GHz, 1333 MHz bus)
CPU MHz: 2000
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 15k 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
```