CINT2000 Result

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IBM Corporation

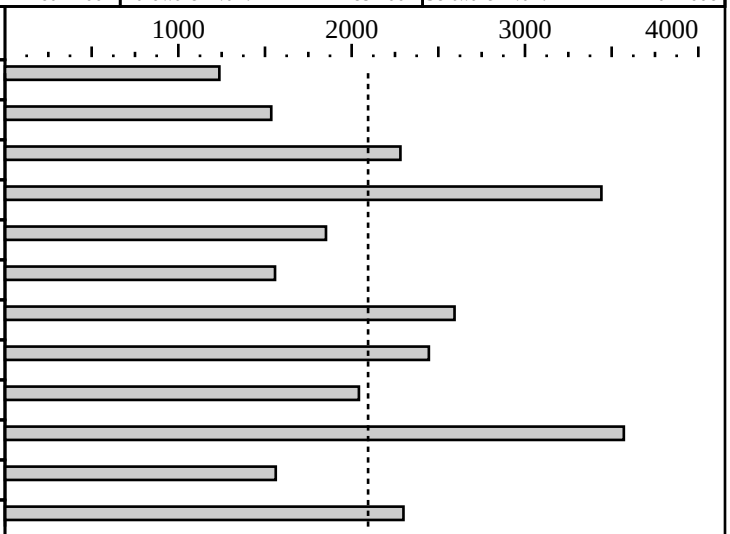
IBM System X 3400 (2.0 GHz Xeon E5335, 8MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 2095

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
164.gzip	1400	113	1237		
175.vpr	1400	91.1	1536		
176.gcc	1100	48.2	2281		
181.mcf	1800	52.3	3441		
186.crafty	1000	54.0	1852		
197.parser	1800	116	1558		
252.eon	1300	50.1	2594		
253.perlbmk	1800	73.6	2445		
254.gap	1100	53.9	2042		
255.vortex	1900	53.2	3570		
256.bzip2	1500	96.0	1562		
300.twolf	3000	131	2299		



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:	80GB SATA 7200 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

This result was measured on an IBM System X 3400.   IBM System X 3400 and IBM System
X 3500 are electronically equivalent.
```