CINT2000 Result

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IBM Corporation

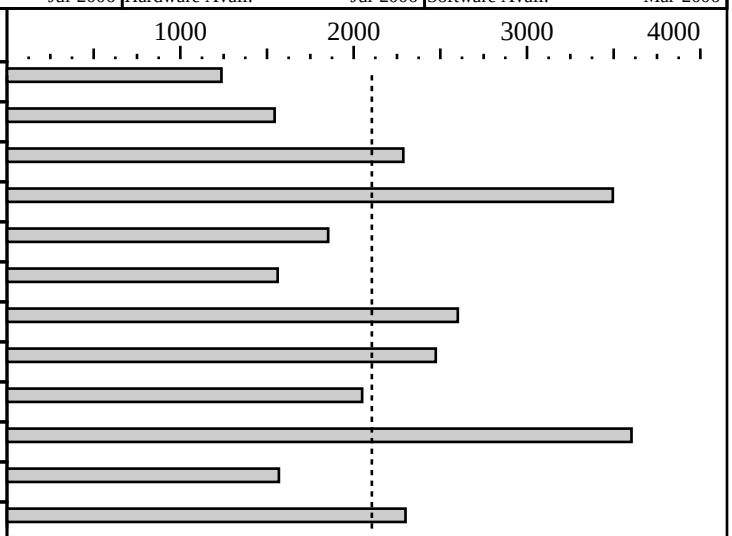
IBM System X 3500 (2.0 GHz Xeon 5130, 4MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 2105

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	113	1237		
175.vpr	1400	90.7	1544		
176.gcc	1100	48.1	2286		
181.mcf	1800	51.5	3495		
186.crafty	1000	54.0	1853		
197.parser	1800	115	1562		
252.eon	1300	50.0	2601		
253.perlbmk	1800	72.8	2474		
254.gap	1100	53.7	2049		
255.vortex	1900	52.7	3603		
256.bzip2	1500	95.6	1569		
300.twolf	3000	130	2299		



Hardware

CPU:	Intel Xeon processor 5130 (2.0 GHz, 1333 MHz bus)
CPU MHz:	2000
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 1024 MB ECC PC2-5300F
Disk Subsystem:	80GB SATA 10K RPM
Other Hardware:	

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

```
+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 3500 and IBM System
X 3400 are electronically equivalent.
```