CINT2000 Result

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IBM Corporation

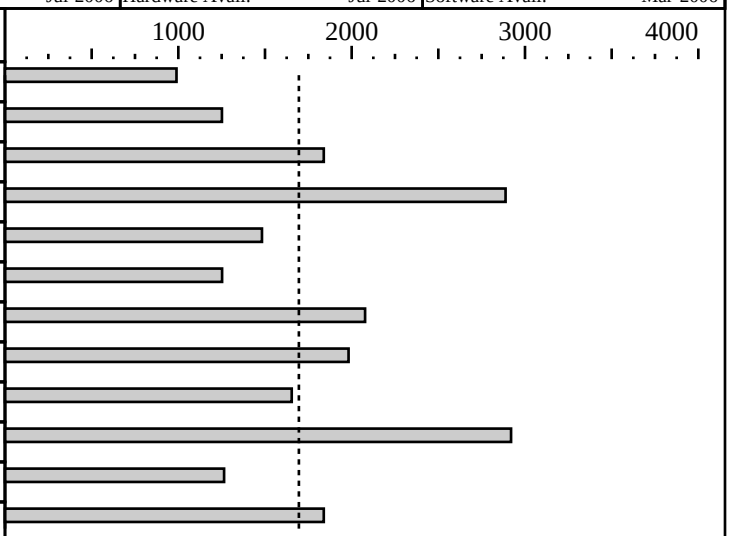
IBM System X 3500 (1.60 GHz Xeon 5110, 4MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 1696

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	142	989		
175.vpr	1400	112	1252		
176.gcc	1100	59.8	1839		
181.mcf	1800	62.3	2888		
186.crafty	1000	67.5	1483		
197.parser	1800	144	1252		
252.eon	1300	62.6	2077		
253.perlbmk	1800	90.8	1982		
254.gap	1100	66.5	1654		
255.vortex	1900	65.1	2920		
256.bzip2	1500	119	1264		
300.twolf	3000	163	1839		



Hardware

CPU:	Intel Xeon processor 5110 (1.60 GHz, 1066 MHz bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1, 2 chips
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.
```