CINT2000 Result

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IBM Corporation

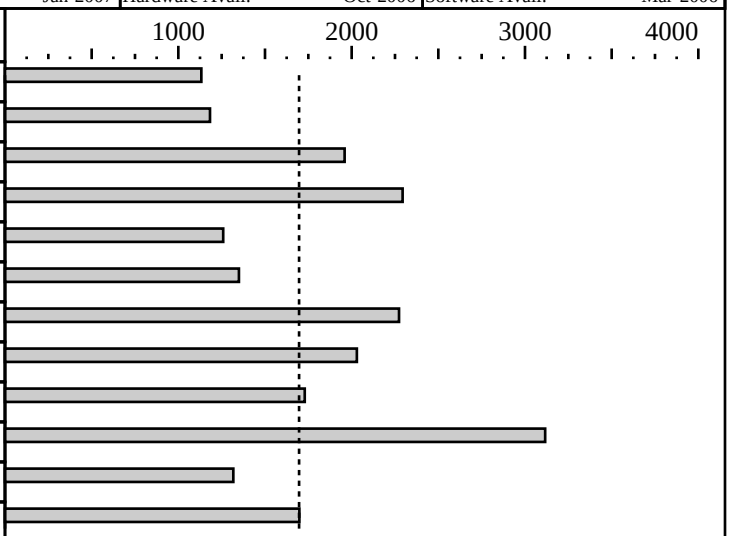
IBM System X 3950 (3.33 GHz Xeon 7140N)

SPECint2000 = --

SPECint_base2000 = 1697

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jan-2007 | Hardware Avail: Oct-2006 | Software Avail: Mar-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1133		
175.vpr	1400	118	1183		
176.gcc	1100	56.1	1959		
181.mcf	1800	78.5	2294		
186.crafty	1000	79.4	1259		
197.parser	1800	133	1350		
252.eon	1300	57.2	2273		
253.perlbmk	1800	88.7	2030		
254.gap	1100	63.6	1729		
255.vortex	1900	61.0	3116		
256.bzip2	1500	114	1317		
300.twolf	3000	177	1698		



Hardware

CPU:	Intel Xeon processor 7140N (3.33 GHz, 667 MHz bus)
CPU MHz:	3333
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1, 2, 4 chips
Parallel:	No
Primary Cache:	12 K I micro-ops + 16 KB D on chip per core
Secondary Cache:	1 MB I+D on chip per core
L3 Cache:	16 MB on chip per chip
Other Cache:	N/A
Memory:	16 x 2048 MB ECC PC2-3200
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 Package ID: W_CC_P_9.1.020 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-80.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M-80.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon:     -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Bios Settings
   Hardware Prefetch enabled
   Memory Array set to High-Performance Memory Array
```