CINT2000 Result

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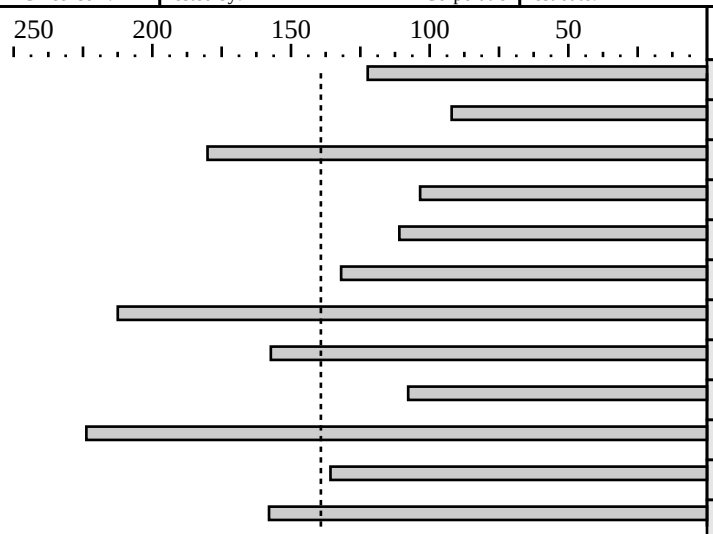
IBM Corporation

IBM System X 3950 (3.16 GHz Xeon 7130N)

SPECint_rate2000 = --

SPECint_rate_base2000 = 139

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Dec-2006 | Hardware Avail: Oct-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	16	212	122			
175.vpr	16	282	92.1			
176.gcc	16	113	180			
181.mcf	16	323	103			
186.crafty	16	167	111			
197.parser	16	253	132			
252.eon	16	114	212			
253.perlbmk	16	212	157			
254.gap	16	189	108			
255.vortex	16	158	224			
256.bzip2	16	205	136			
300.twolf	16	353	158			

Hardware

CPU:	Intel Xeon processor 7130N (3.16 GHz, 667 MHz bus)
CPU MHz:	3166
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
```