CINT2000 Result

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IBM Corporation

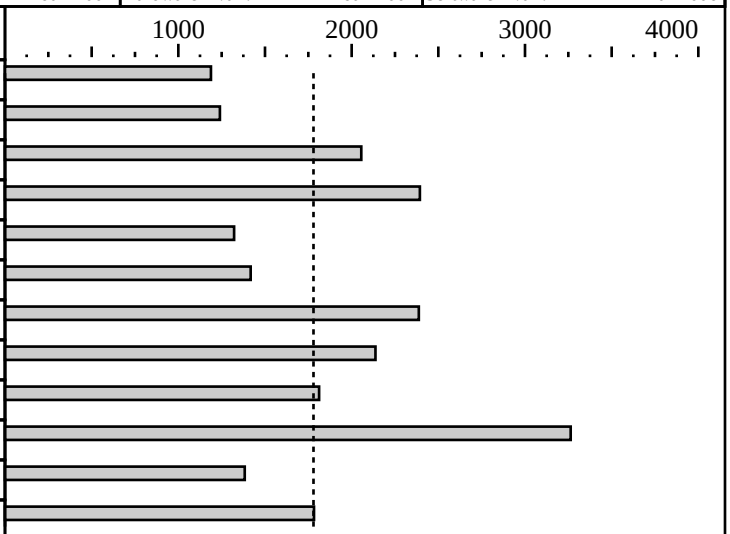
IBM System X 3800 (3.5 GHz Xeon 7150N)

SPECint2000 = --

SPECint_base2000 = 1780

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	118	1188		
175.vpr	1400	113	1240		
176.gcc	1100	53.5	2055		
181.mcf	1800	75.2	2394		
186.crafty	1000	75.7	1322		
197.parser	1800	127	1417		
252.eon	1300	54.5	2387		
253.perlbmk	1800	84.2	2137		
254.gap	1100	60.7	1812		
255.vortex	1900	58.2	3264		
256.bzip2	1500	108	1383		
300.twolf	3000	168	1783		



Hardware

CPU:	Intel Xeon processor 7150N (3.5 GHz, 667 MHz bus)
CPU MHz:	3500
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 15K 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
```