



CINT2000 Result

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IBM Corporation

IBM System X 3850 (Intel Xeon processor 7040, 2MB L2 Cache)

SPECint_rate2000 = --

SPECint_rate_base2000 = 112

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	16	366	70.9			
175.vpr	16	315	82.4			
176.gcc	16	112	182			
181.mcf	16	608	54.9			
186.crafty	16	183	102			
197.parser	16	248	134			
252.eon	16	119	203			
253.perlbmk	16	218	153			
254.gap	16	527	38.8			
255.vortex	16	157	224			
256.bzip2	16	275	101			
300.twolf	16	326	171			

Hardware

CPU: Intel Xeon processor 7040 (667 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1, 2, 3, 4
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) (on chip) per core
Secondary Cache: 2048KB(I+D) (on chip) per core
L3 Cache: N/A
Other Cache: N/A
Memory: 16 x 2048 MB ECC PC2-3200 Dual Rank
Disk Subsystem: 73GB SAS 10K RPM
Other Hardware:

Software

Operating System: Windows Server 2003 Standard Edition
Compiler: Intel C++ 9.1 for 32-bit Applications Build 20060324
Microsoft Visual Studio .Net 2003(for libraries)
MicroQuill SmartHeap Library 8.0
File System: NTFS
System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
BASE TUNING
C: -fast +FDO shlw32M.lib +FDO
C++: -fast -Qcxx_features +FDO
Portability:
PORTABILITY FLAGS
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```