



CINT2000 Result

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IBM Corporation

IBM System X 3650 (3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 3006

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	2000 4000 6000 8000			
164.gzip	1400	75.8	1846						
175.vpr	1400	64.5	2172						
176.gcc	1100	37.3	2949						
181.mcf	1800	39.6	4544						
186.crafty	1000	35.9	2785						
197.parser	1800	78.2	2302						
252.eon	1300	33.2	3913						
253.perlbmk	1800	49.4	3647						
254.gap	1100	39.0	2823						
255.vortex	1900	37.9	5012						
256.bzip2	1500	66.2	2266						
300.twolf	3000	86.9	3453						

Hardware

CPU: Intel Xeon processor 5160 (3.0 GHz, 1333 MHz bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1, 2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip (per core)
Secondary Cache: 4096KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1024 MB ECC PC2-5300
Disk Subsystem: 73GB SAS 15K RPM
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition (32-bit)
Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications
Build 20060323Z Package ID: W_FC_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.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
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
```