



CINT2000 Result

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SuperMicro
X6DHT-G (3.6GHz, Intel Xeon)

SPECint2000 = 1485
SPECint_base2000 = 1452

SPEC license #01176 Tested by: SuperMicro Inc., San Jose, CA Test date: Nov-2004 Hardware Avail: Nov-2004 Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	119	1178	119	1179	
175.vpr	1400	156	896	151	930	
176.gcc	1100	60.3	1824	60.3	1824	
181.mcf	1800	176	1024	176	1020	
186.crafty	1000	75.7	1322	75.6	1322	
197.parser	1800	138	1304	138	1305	
252.eon	1300	73.9	1759	62.0	2098	
253.perlbmk	1800	98.5	1827	97.8	1841	
254.gap	1100	61.3	1794	60.2	1828	
255.vortex	1900	76.3	2489	76.4	2487	
256.bzip2	1500	147	1024	142	1053	
300.twolf	3000	170	1766	170	1766	

Hardware

CPU: Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (HT Technology Enabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K micro-ops I + 16KBD on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x1GB DDR-333
 Disk Subsystem: 1x250GB
 Other Hardware:

Software

Operating System: Windows Server 2003 Standard (Build 3790)
 Compiler: Intel C++ Compiler 8.0 Build 20031211Z
 Microsoft Visual Studio .NET 7.0.9466 (for libraries)
 MicroQuill Smartheap Library 7.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -QxP -fast +FDO shlw32M.lib
Base tuning for C++ programs: -QxP -fast -GX -GR
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
Peak tuning:
 164.gzip: -QxP -fast -Oa +FDO ONESTEP=yes
 175.vpr: -QxP -fast +FDO ONESTEP=yes
 176.gcc: basepeak = 1
 181.mcf: -QxP -fast +FDO shlw32M.lib ONESTEP=yes
 186.crafty: -QxP -fast -Oa +FDO shlw32M.lib ONESTEP=yes
 197.parser: -QxP -fast +FDO ONESTEP=yes
 252.eon: -QxP -O2 -Qipo +FDO ONESTEP=yes
 253.perlbmk: -fast -Oa +FDO shlw32M.lib ONESTEP=yes
 254.gap: -QxP -fast +FDO ONESTEP=yes
 255.vortex: -QxP -fast +FDO shlw32M.lib ONESTEP=yes
 256.bzip2: -fast -Oa -Qunroll11 +FDO ONESTEP=yes
```



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Notes/Tuning Information (Continued)

300.twolf:

-QxP -fast -O3 +FDO shlw32M.lib