



# CINT2000 Result

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## Intel Corporation

Intel(R) D925XECV2 motherboard( 3.6 GHz, Intel(R) Pentium(R) 4 processor 660 supporting Hyper-Threading Technology)

SPECint2000 = 1718

SPECint\_base2000 = 1715

SPEC license #: 13 Tested by: Intel Corporation Test date: Nov-2004 Hardware Avail: Feb-2005 Software Avail: Sep-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	116	1208	117	1200				
175.vpr	1400	116	1204	114	1226				
176.gcc	1100	53.4	2058	53.4	2058				
181.mcf	1800	86.4	2083	86.4	2083				
186.crafty	1000	74.9	1335	75.2	1329				
197.parser	1800	122	1481	121	1488				
252.eon	1300	62.4	2083	61.6	2112				
253.perlbmk	1800	93.3	1928	94.0	1915				
254.gap	1100	57.2	1922	57.2	1922				
255.vortex	1900	63.8	2979	63.8	2979				
256.bzip2	1500	116	1297	115	1303				
300.twolf	3000	171	1755	171	1755				

### Hardware

CPU: Intel(R) Pentium(R) 4 processor 660 supporting Hyper-Threading Technology ( 3.6 GHz, 800 MHz bus)  
CPU MHz: 3600  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip  
Secondary Cache: 2MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1 GB (2 512MB Micron MT16HTF6464AG-53EB2 DDR2 533 CL4-4-4 DIMMs)  
Disk Subsystem: Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)  
Other Hardware: N/A

### Software

Operating System: Windows XP Professional SP1a  
Compiler: Intel C++ Compiler 8.1 Build 20040802Z  
Microsoft Visual Studio .Net 2002(for libraries)  
SmartHeap Library Version 6.0 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.crafty: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip: -fast -Qansi_alias -Oa +FDO
175.vpr: -fast -Qansi_alias +FDO
176.gcc: basepeak=yes
181.mcf: basepeak=yes
186.crafty: -fast -Qansi_alias -Oa +FDO
197.parser: -fast -Qansi_alias +FDO
252.eon: -fast +FDO
253.perlbmk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



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### Notes/Tuning Information (Continued)

300.twolf: -fast -O3 +FDO shlw32M.lib

Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply

Product description located as of 2/2005

[http://www.intel.com/design/motherbd/cv2/index.htm?iid=ipp\\_browse+motherbd\\_d925xecv2&](http://www.intel.com/design/motherbd/cv2/index.htm?iid=ipp_browse+motherbd_d925xecv2&)

Motherboard is available through Intel(R) Reseller Channel. See

[http://www.intel.com/cd/channel/reseller/asm-na/eng/products/box\\_desktop\\_boards/intel\\_boards/p4\\_boards/p4\\_dsk\\_board\\_D925XECV2/index.htm](http://www.intel.com/cd/channel/reseller/asm-na/eng/products/box_desktop_boards/intel_boards/p4_boards/p4_dsk_board_D925XECV2/index.htm)

The system bus runs at 800 MHz