



WINCAN

Requirements regarding Hardware and Operating System

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This documentation is listing the minimum requirements of hardware and software elements needed for computers to get the application WinCanVX installed and operated successfully.

Hardware

Type of computer:

- Desktop computer: chassis type ATX 4HE 19 or ATX tower (with at least 400 W power supply)
- Laptop, shock and water resistant (for usage in TV vans)

Processor:

- INTEL Core i7 or Core i9 (for 3D applications)

Mainboard:

- INTEL, ASUS or MSI (recommended brands), with at least 1 PCI-Express slot for the VITEC board

Working Memory (RAM):

- 16 or 32 GByte (for 3D applications)

Graphic Board:

- NVIDIA RTX 30, 40 or
- AMD-Radeon-RX-7000 series

Graphic board driver must support **Microsoft 3D**

Number of USB-ports:

- 4 USB 2.0 / USB 3.0 ports
- 1 USB 3.1 port for *DFG/HDMI* device (*The Imaging Source*)

Number of RS232-ports (COM-ports): 1

If missing, a **USB-Serial-Converter (based on a FTDI chipset)** can be used as an alternative to establish the communication with the OSD-device.

Hard Disk Type and Capacity:

M.2 2280-SSD, 2000 GByte or

- System drive or partition: SSD 500 GByte
- Data drive or partition: 2000 GByte

Notebooks:

- System partition: 500 GByte
- Data partition: 1000 GByte

Internet speed:

4G-Internet connection for license activation and remote sessions via *TeamViewer*

Video Encoding Card

Recording video clips in the formats MPEG2, MPEG4 or HD usually requires the use of specific hardware encoding devices. WinCan LTD provides and entirely supports the following products directly:

- VITEC board (PCI-Express), VM4-C8 or VM4-C9: for desktop computers



VM4-C8



VM4-C9

In case of computers provided by the company HP the usage of the VITEC board may cause a device conflict with the mainboard!

- MobileCap 124 (Sensoray 2250) or Sensoray 2253: USB-card, connected to Laptops



MobileCap124



Sensoray 2253

The installation of the device type *MobileCap124* under WINDOWS 11 is no longer supported!

It is also possible to install any other common USB video encoding card (e. g. *DFG/USB2pro* or *DFG/HDMI* from *The Imaging Source*) available on the free market but with limited support:



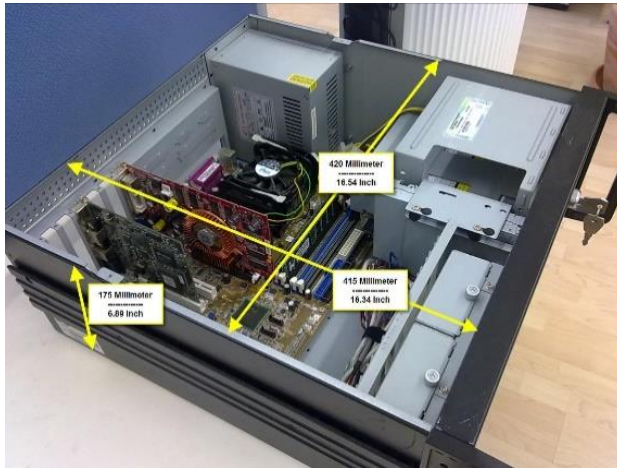
In order WinCanVX can create an MPEG-clip directly from the live video stream provided by such a device, you will need the additional license *elecCard* (*SoftwareEncoding*). Otherwise an AVI-clip is created per default that results in a worse quality-size ratio.

Chassis Dimensions

Mind the minimum chassis height/depth for desktop computers in order to plug in the VITEC board properly.

The values for the dimensions indicated below can always differ from the dimensions of the products currently available on the market!

ATX Desktop (420 x 415 x 175 mm / 16.54 x 16.34 x 6.89")

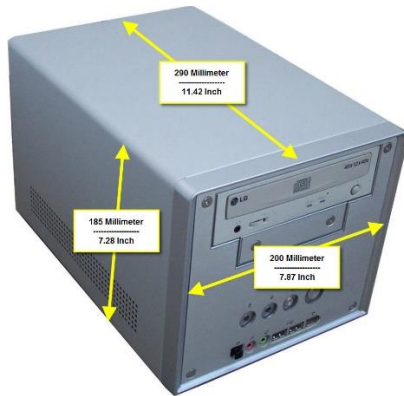


ATX Tower (495 x 430 x 180 mm / 19.49 x 16.93 x 7.09")





Shuttle (290 x 200 x 185 mm / 11.42 x 7.87 x 7.28")



At least 1 free PCI-Express slot must be available on the mainboard.

Operating System

The following operating system versions are supported in case of WinCan installations on computers in a truck or in an office:

- Windows 10 **Pro**, 64 bit
- Windows 11 **Pro**, 64 bit

Make sure the latest system updates provided by Microsoft have been downloaded and installed.

System Extensions provided by Microsoft:

- dot.NET 4.0
- dot.NET 4.5
- dot.NET 4.7.X or higher
- Windows Media Player 11

Always upgrade to a WINDOWS PROFESSIONAL version in case a WINDOWS HOME or HOME PREMIUM version has been pre-installed on your Laptop. Contact WinCan LTD at support@wincan.com for more detailed information.

The company WinCan LTD does installations of WinCan8 on WINDOWS PROFESSIONAL operating systems only. Please contact us in advance to fix an appointment.

The company WinCan LTD does neither install nor upgrade any operating system; nor does WinCan LTD sell any computer hardware and operating system software. This work has to be done by certified computer specialists, which have carefully read the present documentation before.