Host PC Operating System

eVision is a set of 64-bit libraries that require an Intel compatible processor with the SSE4 instruction set or an ARMv8-A compatible processor.

eVision can be used on the following operating systems:

Microsoft Windows 11, 10 for x86-64 (64-bit) processor architecture

Microsoft Windows 11, 10 IoT Enterprise for x86-64 systems

Linux for x86-64 (64-bit) and ARMv8-A (64-bit) processor architectures with a glibc version greater or equal to 2.18

Remote connections

Remote connections are allowed using remote desktop, TeamViewer or any other similar software.

Virtual machines

Virtual machines are supported. Microsoft Hyper-V, Oracle VirtualBox and libvirt hypervisors have been successfully tested.

Only the Neo Licensing System is compatible with virtualization.

Minimum requirements:

2 GB RAM to run an eVision application

8 GB RAM to compile an eVision application

Between 100 MB and 2 GB free hard disk space for libraries, depending on selected options.

APIs

Supported programming languages:

The eVision libraries and tools support C++, Python and the programming languages compatible with the .NET (C#, VB.NET)

C++ requirements: A compiler compatible with the C++ 11 standard is required to use eVision

Python requirements: Python 3.11 or later is required to use the Python bindings for eVision

.NET requirements: .NET framework 4.8 (or later) or the .NET platform 6.0 (or later) are supported

Supported Integrated Development Environments:

Microsoft Visual Studio 2017 (C++, C#, VB .NET, C++/CLI)

Microsoft Visual Studio 2019 (C++, C#, VB .NET, C++/CLI)

Microsoft Visual Studio 2022 (C++, C#, VB .NET, C++/CLI)

QtCreator 4.15 with Qt 5.12

Product status

Released

Product code - Description

PC4186 Open Easy3DLaserLine for USB dongle

PC4336 Open eVision Easy3DLaserLine

Included libraries

Easy3D

Easy3DLaserLine

Related products

PC1637 Coaxlink Quad 3D-LLE

PC6512 eVision/Open eVision USB Dongle (empty)

PC6514 Neo USB Dongle (empty)