



# AXAGON PCEU-232VLS PCIe Controller 2+2x SuperSpeed USB Instruction Manual

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## AXAGON PCEU-232VLS PCIe Controller 2+2x SuperSpeed USB Instruction Manual

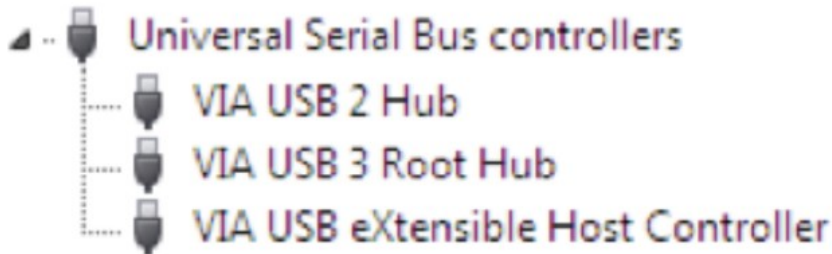


## PRODUCT SUPPORT LINK

PCIe card with two external and two internal SuperSpeed USB ports

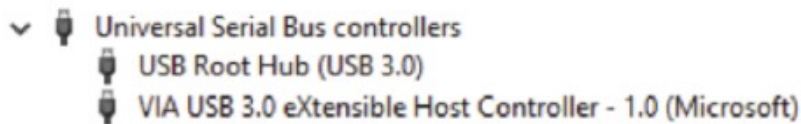
**FIGURE 1.**

**Using Device Manager to check whether the installation is correct in Windows 7** (the devices added to the Device Manager during card installation are only displayed)



**FIGURE 2.**

**Using Device Manager to check whether the installation is correct in Windows 10** (the devices added to the Device Manager during card installation are only displayed)



1. Turn off your computer and unplug the power supply cable.
2. Open the cabinet and insert the card into a free PCI-Express position.
3. Connect the power cable to the 4-pin MOLEX connector.
4. Close the case, connect the power and turn on the computer.
5. **Windows 10, 8.1, 8:**
  - The card is detected and installed automatically.
  - There is no need to install any drivers, they are part of the OS. **Windows 7:**
  - The card is detected and the VIA drivers must be installed for the USB 3.0 controller to work properly.
  - Download the latest driver from [www.axagon.eu/produkty/pceu-232vl](http://www.axagon.eu/produkty/pceu-232vl).
  - When the download is complete, expand the downloaded file and run setup.exe.
  - Follow the on-screen instructions until the installation is completed.
6. Check the successful installation in Device Manager (Fig. 1,2).

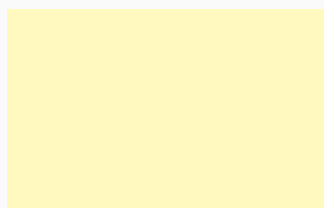
## INFO

To achieve full USB 3.0 speed, you must install the card into the motherboard with a PCI-Express slot compliant with PCIe 2.0 specification. Some external SSDs may have a low speed of reading. The solution is to manually install the VIA drivers found on the product page at [www.axagon.eu](http://www.axagon.eu).

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## Technical specifications

### INPUT INTERFACE:

2x external USB 3.2 Gen 1 ports with USB A-F connectors + 2x internal USB 3.2 Gen 1 ports in ONE 19-pin connector  
SuperSpeed USB interface – USB 3.2 Gen 1

(alias USB 3.1 Gen 1 / USB 3.0)

Backward compatible with USB. 2.0 / 1.1

Supported speeds 5000 / 480 / 12 / 1.5 Mb/s (super / high / full / low speed)

### OUTPUT INTERFACE:

PCI-EXPRESS 2.0 x1

supported 1x / 4x / 8x / 16x slot

Theoretical speed up to 5Gbps (Bidirectional)

When PCI-Express 1.0 is used, speed is up to 2500Mb/s

### OTHER FEATURES:

xHCI rev. 1.0 specification

Plug and Play • Hot Plug

UASP in Windows 8 & later

### POWER SUPPLY:

Powered via 4-pin MOLEX connector

### OS SUPPORTED:

Windows

XP • Vista • 7 • 8 • 8.1 • 10 & later

Server 2008 • 2012 • 2016 & later

32 & 64bit versions supported

Linux 2.6.31 & later

### DRIVERLESS:

no driver required for Windows 8 / 8.1 / 10 and Linux

TECHNICAL SUPPORT: More information, FAQs, manuals, and drivers can be found on the product page in the PRODUCT SUPPORT tab at [www.axagon.eu](http://www.axagon.eu). Nothing helped? Write to our technical support: [support@axagon.cz](mailto:support@axagon.cz).



At the end of its service life, do not throw the product into household waste; take it to a collection point for electrical equipment recycling. For information about collection and recycling programs in your country, contact your local authorities or the retailer who sold you the product.



EU declaration of conformity: The device complies with the harmonization legislation of the European Union 2014/30/EU (EMC) and 2011/65/EU (RoHS). The complete EU declaration of conformity is available from the manufacturer.



Before using the product, the user is obliged to read the user's instructions. The manufacturer disclaims any

liability for damage that may occur due to improper use of the product or failure to follow the instructions contained herein. Product use other than specified must be consulted with the manufacturer.



Do not use the product in humid or explosive environments and near flammable substances.

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## **Documents / Resources**

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