**Manuals+** — User Manuals Simplified.

**76661C**
**4x USB**
**3.0 PCIe**
**Interface**
**Card**

# InLinE 76661C 4x USB 3.0 PCIe Interface Card User Manual

**InLinE 76661C 4x USB 3.0 PCIe Interface Card**

## Specifications

- **Product Name:** USB 3.0 Schnittstellenkarte / Host Controller
- **Item Numbers:** 76661C / 76662C / 76666E / 76666F
- **Supports:** SuperSpeed USB 3.0 standard
- **Operating Mode:** 5 Gb/s full-duplex mode
- **Compatibility:** USB 2.0 devices

## Product Information

This PCI-Express 2.0 to USB 3.0 Host Controller Card supports the SuperSpeed USB 3.0 standard, operating at 5 Gb/s full-duplex mode, which is 10 times faster than USB 2.0 High-Speed (480 Mb/s) standard. It is also backward compatible with current USB 2.0
devices.

## Hardware Installation

1. Turn off your computer and all external devices connected to it.
2. Open the computer case and locate the PCI-Express slot.
3. Insert the host controller card into the slot firmly and evenly.
4. Position the card properly and fasten it to the computer case with the bracket screw.
5. Connect the power cable to the product and the power supply unit of the computer for USB device power.
6. Secure the computer case and switch it on after connecting all peripheral devices and power cable.

## Driver Installation

1. Insert the driver CD into your optical drive.
2. Browse to the driver folder on the CD.

3. Double click on "setup.exe".

4. Follow the on-screen instructions in the Installation Wizard until completion.

## FAQs

### 1. What should I do before installing the controller card?

Before installing and activating the controller card, ensure you have a complete backup of your existing data from hard drives.

### 2. How can I get assistance if I face installation problems?

If you encounter any installation problems, please contact your dealer for assistance.

## EXPLANATION OF WARNING SYMBOLS AND NOTES

- **NOTE!** This symbol indicates information, which contributes to a better understanding.

- **DANGER!** This symbol indicates that there are fundamental risks to the health of persons.

- **INTENDED USE**

  This PCI-Express 2.0 to USB 3.0 Host Controller Card is an add-on card to insert into computer.

    - Can be used with Windows PC
    - Installation on the motherboard of computer

- **GENERAL WARNINGS**
- **Do not** open case for installtion before power source is unplugged.
- Protect from dust and moisture.
- **IMPROPER USE**
- The following shall be deemed to be improper use within the meaning of a foreseeable misuse:
    - Install PCI-Express Card into correct slot, otherwise computer and card could be damaged
    - Avoid the occurrence of short circuits or bypassing during installation.

## INTRODUCTION

This PCI-Express 2.0 to USB 3.0 Host Controller Card supports SuperSpeed USB 3.0 standard, operating at 5 Gb/s full-duplex mode, which is 10 times faster than USB 2.0 High-Speed (480 Mb/s) standard and it is also backward compatible with current USB 2.0 devices.

## FEATURES AND SPECIFICATION

- **General**
- Based on VLI VL80x USB 3.0 Host Controller IC
- Compliant with Intel's Extensible Host Controller Interface(xHCI) Specification Revision 0.96
- Compliant with PCI Express Base Specification 2.0
- MS drivers for Windows 10 / 8 / 7 / Vista / XP/ 2000 / Server 2003-2008 32/64-bit OS
- PCI-Express 2.0 1-Lane (x1) interface with data transfer rate up to 5Gb/s

- Backwards compatible to PCI-Express 1.0a with data transfer rate up to 2.5Gb/s
- Supports Standard and Low-profile desktop computer
- Internal HDD power connector for supplying extra +5Vpower to the USB ports
- Internal HDD power connector LED indicator: Lights up when USB bus power is supplied from the HDD power connector connected to the power supply unit (PSU)
- **USB Interface**
- Compliant with Universal Serial Bus 3.0 Specification Revision 1.0
- Provides USB 3.0 Super-Speed (5 Gb/s) host port, backward compatible with USB 2.0 High-Speed (480Mb/s), Full-Speed (12Mb/s) and Low-Speed 1.5Mb/s) interface
- Supports all USB compliant data transfer types (Control / Bulk / Interrupt / Isochronous)
- Supports all USB compliant peripherals (e.g. keyboard, mause, monitor, joystick, etc.)
- Full support of real time dynamic insertion and removal of USB devices

## PACKAGE CONTENTS

- Please check whether the package contains following items. If any item is missing or damaged, please contact the retailer as soon as possible:
- PCI-Express 2.0 to USB 3.0 Host Controller Card 1x
- Driver CD 1x
- User Manual 1x
- LP bracket 1x

## SYSTEM REQUIREMENT

- Motherboard with one available x1, x4, x8 or x16 PCI-Express 1.0 / 2.0 slot.
- PCI Express 2.0 interface is recommended for fully utilizing the USB 3.0 (5 Gb/s) bandwidth.
- Supported operation system
- Optical drive for driver installation
- **Warning**
  - Before installing and activating the controller card, please make sure you have a complete backup of your existing data from hard drives. Manufacturer is not responsible for data loss due to abuse, misuse, or neglect. Should you have any installation problem, please contact your dealer for assistance.

## HARDWARE INSTALLATION

1. Turn off your computer and all external devices conneced to it and
2. Disconnect your computer from the power source, unplug the power cable.
3. Open the computer case. Refer to your computer user manual for more details.
4. Locate an available PCI-Express slot (preferably a PCI Express 2.0 slot) and remove the slot bracket. Save the bracket screw for later use.
5. Align the controller card horizontally with respect to the PCI-Express slot and insert it into the slot firmly and evenly.
6. Once you have properly positioned the card into the slot, fasten it to the computer case with the bracket screw

you have saved.

7. To get power for USB device such as 2.5" hard drive enclosure, please always connect the power cable to the product and the power supply unit (PSU) of the computer.

8. Secure the computer case and switch on your computer after connecting all peripheral devices and power cable

## DRIVER INSTALLATION

- **Installing Windows 10 / 8 / 7 / Vista / XP / Server 2008  32-/64-bit driver:**
- Insert the driver CD disc into your optical drive. Assume the optical drive letter is D:.
- Browse to the driver folder D:\VLI\VL80xl
- Double click on „setup.exe"
- The Installation Wizard will guide you through the setup process. Follow the on-screen instructions until the installation is completed.
- **Verifying Driver Installation**
- Make sure the following items appear in the Universal Serial Bus Controllers category in the Windows Device Manager, and there is no yellow exclamation mark, then you have successfully installed the driver for the product.
  - VLI USB 3.0 Host Controller
  - VLI USB 3.0 Root Hub

## DISPOSAL

- Electrical and electronic equipment and batteries must not be disposed of with household waste. The consumer is obliged by law to return electrical and electronic equipment and batteries at the end of their service life to the designated public collection points or to the point of sale. property rights are acknowledged. Changes in the sense of technical progress can be made without prior notice. Our products, including packaging, are not toys; they may contain small parts and sharp objects. Keep away from children, please.
- INTOS ELECTRONIC AG
- Siemensstrasse 11, D-35394 Giessen
- **[www.inline-info.de](http://www.inline-info.de)**

## DISCLAIMER

- **2. Edition English 35/2024**

**more info**

- [info@inline-info.com](mailto:info@inline-info.com)
- [www.inline-info.de](http://www.inline-info.de)

## Documents / Resources

| | |
|---|---|
|  | **[InLinE 76661C 4x USB 3.0 PCIe Interface Card](#)** [pdf] User Manual<br>76661C, 76662C, 76666E, 76666F, 76661C 4x USB 3.0 PCIe Interface Card, 76661C, 4x USB 3.0 PCIe Interface Card, PCIe Interface Card, Interface Card, Card |

## References

- ⓘ **[Info.com – The Smarter Way to Search The Web](#)**
- *iL* **[live.inline-info.com](#)**
- 🌐 **[IT- und Multimedia - Accessoires von InLine |Der Kabel-Spezialist](#)**
- **[User Manual](#)**