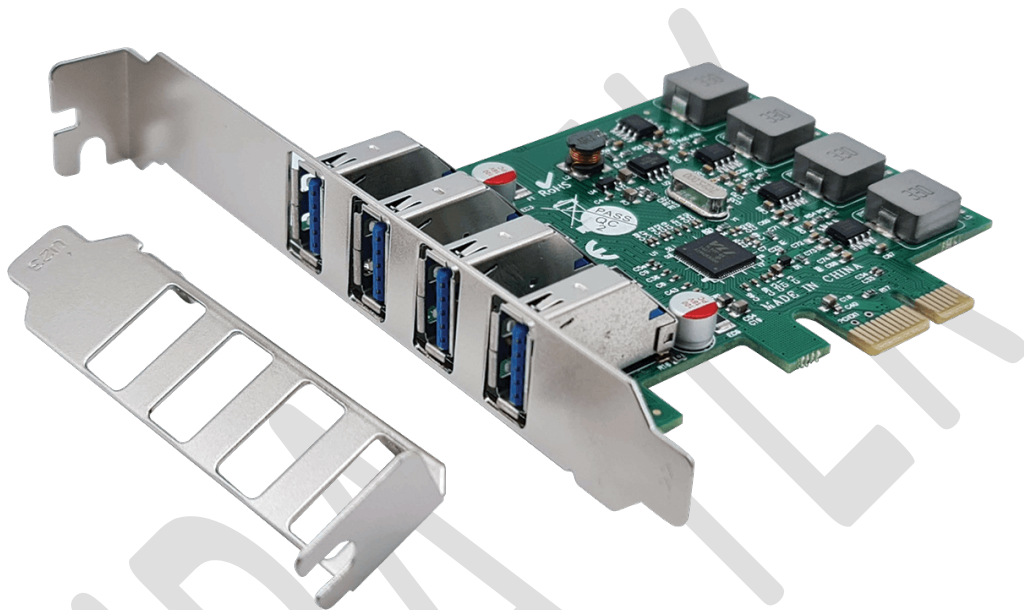# PCIe x1 to USB 3.0 Card Self-powered (4-Port) (ER3103)

Description

The EiRA ER3103 USB 3.0 PCIe Card is a high-performance USB 3.0 host controller designed to enhance connectivity for PCI Express-equipped systems. It supports SuperSpeed (5Gbps), High-Speed (480Mbps), Full-Speed (12Mbps), and Low-Speed (1.5Mbps) devices, providing seamless integration for mass storage, printers, scanners, hubs, cameras, and other USB peripherals. Each port delivers a maximum power output of 3A, ensuring reliable performance.

Features

- Compliant with PCI Express Base Specification 2.0 (backward compatible with PCI Express 1.0)
- Compliant with Universal Serial Bus 3.0 Specification Revision 1.0
- Supports USB 2.0 and eXtensible Host Controller Interface Specification Revision 1.0
- Four USB 3.0 Type-A downstream ports
- Backward compatible with USB 2.0 and USB 1.1 devices
- Supports USB Attached SCSI Protocol (UASP) mode

- Provides up to 5V/3000mA power output per USB 3.0 port
- No external power supply required
- Plug-and-play and hot-swappable compatibility

Technical Specifications

Brand	EiRA
SKU Code	ER3103
Product model	PCIe x1 to USB 3.0 Card Self-powered (4-Port)
Chipset	VL805
Form Factor	Plug-in Card with Small Form Factor Support
Small/Low Profile Bracket	N/A
PCI Specification Revision	PCIe 2.0
PCI-Express Transfer Rate	5 GT/s
Input Bus Interface	PCI Express - Compatible with x1/x4/x8/x16 slots
Output Interface	4 x Universal Serial Bus 3.0 Specification revision 1.0 (Type A Female)
Data Transfer Rate	1. Low speed (1.5 Mbps)
	2. full Speed (12 Mbps)
	3. High speed (480 Mbps)
	4. Super Speed (5 Gbps)
Dimensions	8x5.3x1.8 cm
Weight	60 gms
System supported	Linux, Win7/Win8/Win8.1/Win10(32/ 64 bit)/Win11(32/ 64 bit)
Warranty*	1 year

Package Contents

- 1 x PCIe VL805 USB 3.0 4-Port Card
- 1 x User Manual
- 1 x Low-profile bracket
- 1 x Driver CD

System Requirements

- Compatible with Linux, Windows 7/8/8.1/10 (32-bit & 64-bit)
- Requires one available PCI-Express x1/x4/x8/x16 slot

Hardware Installation

1. Power off your computer and unplug the power cord.
2. Remove the computer cover to access the motherboard.
3. Locate an available PCIe x1 slot and remove the corresponding slot bracket.
4. Carefully insert the USB 3.0 PCIe card into the PCIe slot, ensuring a firm connection.
5. Secure the card using the slot bracket screw.
6. Replace the computer cover and reconnect the power cord.

Driver Installation (Windows OS)

For Windows XP/Vista/7/8/8.1/10 (32-bit & 64-bit):

1. Insert the included driver CD into your CD-ROM drive.
2. Open the Windows Start menu and select "Run."
3. Type: USB3.0 VL805-806\VIA_XHCI_Driver_V4.40D_AP\VIA_XHCI_Driver_V4.40D_AP.exe and click "OK."
4. Follow the on-screen instructions to complete the installation.

Verifying Driver Installation

1. Open the **Device Manager** from the Windows Control Panel.
2. Expand the **Universal Serial Bus controllers** section.
3. Confirm the presence of **VIA USB 3.0 Root Hub** and **VIA USB eXtensible Host Controller** entries.

The EiRA ER3103 USB 3.0 PCIe Card offers an efficient and reliable way to expand USB connectivity with enhanced speed and power capabilities. Enjoy seamless integration and high-speed data transfers with this versatile expansion card.

Support

More information and settings, please refer to the User manual or you can contact us.
For Technical support, please contact our team on number +91-8800692207, on working days, from Monday to Saturday, between 11AM to 5:30PM

You may also check this link for all support options.
https://eiratek.com/customer-support/