

PCIe x1 to Gigabit LAN+3*USB 3.0 Combo Card (ER3002)



Product Overview:

The PCIe x1 to Gigabit LAN + 3x USB 3.0 Combo Card is an expansion card designed to augment the connectivity options of desktop computers and compatible systems. Featuring a PCIe x1 interface, it provides a Gigabit Ethernet port for high-speed wired networking and three USB 3.0 ports for fast data transfer with various USB peripherals. The combo card's compact design optimizes space utilization by consolidating both LAN and USB connectivity into a single expansion card, making it suitable for a wide range of applications, including home and office desktops, HTPCs, industrial PCs, and embedded systems. With plug-and-play installation and broad compatibility, it offers convenience, versatility, and enhanced productivity in computing tasks.

Product Highlights:

- Complies with PCI Express Base Specification Revision 2.0
- Complies with Universal Serial Bus 3.0 specification Revision 1.0
- Backward compatible to USB 2.0 and PCI-Express 1.0
- 4-pin power connector for extra power

USB3.0 Interface:

- Supports Low-speed (1.5Mbps) / Full-speed (12Mbps) / High-speed (480Mbps) / Super-speed (5Gbps)
- Max. 5V/900mA power output to each USB 3.0 Port
- Fully plug & play, and hot plug compatible.

RJ45 Port:

- Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3az
- Supports Full Duplex flow control.
- Supports WAKE -ON-LINE and remote wakeup.
- 10/100/1000M data auto-negotiation
- Integrated 10/100/1000M transceivers LED lights
- Onboard with hardware drivers, easy to use.

Applications:

- Desktop Computers
- Small Form Factor Systems
- Home Entertainment
- Office Environments
- Industrial and Embedded Systems
- Gaming Rigs
- Server Rooms and Data Centers
- Digital Content Creation

System Requirements

- Support Windows XP/Vista/7/8/8.1(32/64 bit)/Win10(32/64bit)/Win11(32/64bit)
- PCI-Express enabled system with an available PCI-Express X1 slot

Package Contents

- 1 x PCI Express USB3.0 & Network Card
- 1 x Driver CD
- 1 x User Manual

Technical Specifications:

Brand	EiRA
SKU Code	ER3002
Product model	PCIe x1 to Gigabit LAN + 3*USB3.0 Combo Card
Basic Specifications	
Bus type	PCI Express Rev2.0
Main chipset	VL805+RTL8153
Standard	Universal Serial Bus 3.0 Rev1.0
Small/Low Profile Bracket	No
Input Bus Interface	PCI Express x1 - Compatible with x1/x4/x8/x16 slots
USB 3.0 Interface	
Interface	3 x External USB 3.0 ports
	1 x Internal 4-PIN power , 1 x Internal SATA 15-PIN power
Data rate	Low-speed: 1.5Mbps / Full-speed: 12Mbps
	High-speed : 480Mbps / Super-speed: 5Gbps
Function	Max. 5V/900mA power output to each USB 3.0 Port
	Hot-swapping feature allows you to connect /disconnect devices without powering down the system
RJ45 Connector	
Port medium	RJ45 Copper cable
Internet speed	10/100/1000Mbps (data Auto-negotiation)
Topology	10/100/1000BASE-T, IEEE 802.3, IEEE 802.3u, IEEE 802.3az
Function	Full duplex flow control, Wake-ON-Line / Remote wakeup onboard with hardware drivers
System Requirements	
Driver support	Windows 98SE / ME / Server 2003/2008 / XP / Vista / Win 7 / Win 8.x / Win 10 32/64bit / Win 11 32/64bit, DOS, Linux
Dimensions	76 x80 mm
Weight	46.8 gms.
Warranty*	1 year

Hardware Installation

- Turn off your computer and devices connected to it.
- Remove the computer's cover, refer to your computer's user manual for more details.
- Find an unused PCIe slot and remove the metal bracket. Save the bracket screw for later use.
- Align the card horizontally with respect to the PCIe slot and insert it into the slot firmly and evenly, take care not to force it into the slot, once you have properly positioned the card into the slot, connecting the Big-4P power to supply USB power.

Driver Installation

Partition of USB3.0 port, for Windows® XP/Vista/Win7/Win8/Win10/Win11 (32/64 bit)

- Please insert the CD driver bound with USB 3.0 4-Port PCI Express Card into your CD-ROM Drive.
- At the Windows desktop, click **Start, Run**.
- Type "USB3.0 VL805-806\V3.10C_WHQL \Setup.exe", click **OK**.
- Follow the on-screen instructions to complete the installation.

Partition of RJ-45 port, for Windows® XP/Vista/Win7/Win8/Win10/Win11 (32/64 bit)

- When you have installed the USB3.0 drivers, Windows will detect the network card and attempt to install driver for it.
- At the end, when you open "my computer" or "computer", you will see a new CD-ROM drive.
- Please locate and double-click on the "**Setup.exe**" file in the CD to launch the install program.
- Double-click the "setup.exe", and follow the instructions as shown, for auto installing drivers.

To Verify Windows® Driver Installation

Click on the "**Device Manager**" tab in System Properties, which you access from the Windows Control Panel. You should see a "VIA USB 3.0 Root Hub" and a "**VIA USB eXtensible Host Controller**" under the "**Universal Serial Bus controllers**" item, and You should see a "**Realtek USB GBE Family Controller**" under the "Network Adapter."