

3-Port PCI Express USB 3.0 Card + Gigabit Ethernet

Product ID: TXB014



This PCIe USB 3.0 card couples your peripheral and network connections into a single, scalable solution.

By combining three USB 3.0 ports and one RJ45 port onto a single card, you only need a single PCIe slot for installation, which lets you to free up space for other add-ons or upgrades and get more out of your desktop or server.

Combo-card convenience and cost-savings

If you have separate cards for your USB and network connections, this versatile card overcomes the aggravation of running out of PCIe slots while helping to reduce clutter inside your PC.

This dual-purpose card is perfect for building or upgrading your computer. It helps you save money by avoiding the additional costs of purchasing separate USB 3.0 and Gigabit Ethernet adapters.

Flexible install options and legacy device support

You can rest assured this card will fit in your small form-factor system, if needed. It features a dual-profile design that makes it easy to install in either standard or low-profile cases.

The combo card makes it easy to connect peripherals such as your external hard drives or mobile devices. Plus, it's backward compatible with USB 2.0 and 1.x, so you won't have to replace all of your existing USB devices.

Gigabit connectivity and network management

Functioning as a network adapter, the card delivers wired network access in locations where Wi-Fi® is unavailable or unreliable.

Support for advanced features such as jumbo frames and VLAN tagging means you can optimize network traffic as needed.

Effective USB 3.0 performance enhanced by UASP

This high-performance SuperSpeed USB 3.0 adapter card supports data transfer rates up to 5 Gbps and is enhanced with UASP support, which can perform ~70% faster read speed and 40% faster write speed over traditional USB 3.0.

Applications

- Connect tablets, smartphones, external hard drives, printers, and other USB-based devices to your computer
- Add scalable connection options when building or upgrading your computer
- Upgrade or replace your onboard USB 3.0 or RJ45 ports

Features

- Frees up a PCIe slot by consolidating 3x USB 3.0 & 1x Gigabit Ethernet ports into a single card
- Provides installation flexibility for standard-profile computers
- Lets you save money and connect your existing devices with USB 2.0 and 1.x backward compatibility
- Perfect for USB devices, with necessary LP4 power providing up to 900mA per port
- PCIe x1 interface, compliant with PCI Express 2.0 specifications
- Supports Wake-On-LAN, Energy-Efficient Ethernet, jumbo frames, full duplex flow control, VLAN tagging, and layer 2 priority encoding

Hardware	Bus Type	PCI Express	
	Card Type	Standard Profile	
	Chipset ID	VLI - VL805 Realtek - RTL8153B	
	Industry Standards	USB 3.0 Specification Rev. 1.0 PCI Express Base Specification Rev. 2.0 Intel xHCI Specification Rev. 1.0 IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3x Flow Control, 802.1q VLAN Tagging, 802.1p Layer 2 Priority Encoding	
	Interface	USB 3.0 RJ45 (Gigabit Ethernet)	
	Port Style	Integrated on Card	
	Ports	3	
	Performance	Auto MDIX	Yes
		Auto-Negotiation	Yes
		Compatible Networks	10/100/1000 Mbps
Flow Control		Full duplex flow control	
Full Duplex Support		Yes	
Jumbo Frame Support		9K max.	
Maximum Data Transfer Rate		5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex)	
Type and Rate		USB 3.0 - 5 Gbit/s	
UASP Support		Yes	
Connector(s)		Connector Type(s)	1 - PCI Express x1 Male
	External Ports	3 - USB Type-A (9 pin) USB 3.0 Female 1 - RJ-45 Female	
	Internal Ports	1 - LP4 Power Connector	
Software	OS Compatibility	Windows® 7, 8.x, 10 Windows Server® 2008 R2, 2012, 2016 Linux 2.6.31 to 4.11.x <i>LTS Versions only</i>	

Data Sheet

Special Notes / Requirements	Note	<p>The maximum throughput of this card is limited by the bus interface. If used with PCI Express Gen 1.0 enabled computers, the max throughput is 2.5 Gbps. If used with PCI Express Gen 2.0 enabled computers, the max throughput is 5 Gbps.</p> <p>UASP (USB Attached SCSI Protocol), is supported in Windows 7, 8.x and 10. Test results were obtained using an Intel® Ivy Bridge system, add-on USB 3.0 cards, a UASP- enabled enclosure, and a SATA III solid-state drive.</p>
	System and Cable Requirements	<p>PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16)</p> <p>LP4 power connector (Necessary)</p>
Indicators	LED Indicators	<p>1 - 100M Link/Act (Green)</p> <p>1 - 1000M Link/Act (Amber)</p>
Environmental	Humidity	20~80% RH
	Operating Temperature	5°C to 50°C (41°F to 122°F)
	Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Physical Characteristics	Product Height	120 mm
	Product Length	85 mm
	Product Weight	60 g
	Product Width	65.3 mm
What's in the Box	Included in Package	<p>1 - 3 Port PCI Express USB 3.0 Card w/ Gigabit Ethernet</p> <p>1 - Driver CD</p>

Product appearance and specifications are subject to change without notice.