

4-Port USB Type-C PCIe Card, USB 3.2 10Gbps, USB-C PCI Express Expansion Card, 4x Independent USB Controllers, Windows/Linux/macOS, TAA-Compliant

Product ID: P10Q4C-USB-CARD-LP



Expand the USB connectivity of a desktop computer or server by adding four external USB Type-C 10Gbps ports with this internal PCI Express 3.0 expansion card.

Traditional single-controller USB cards share bandwidth across all ports. With its four independent USB controllers, this USB-C expansion card enables each port to achieve up to 10Gbps, reducing bottlenecks and increasing data throughput.

The high bandwidth makes the card ideal for transferring large files, real-time editing of high-resolution photos and videos on external storage, off-loading media from mobile devices, using high-resolution video capture devices, tethered photography equipment, or high-speed USB network adapters like 10G Ethernet copper or fiber adapter.

This USB PCI Express card can provide up to 5V 3A (15W) per USB-C port, enabling sync and charge of portable devices. If the motherboard can't supply enough power, a built-in SATA power connector can supply additional power to the card.

The PCI Express USB card is plug-and-play in most major operating systems, including Windows, macOS, and Linux. The card is compatible with PCI Express 3.0 and x4, x8, and x16 slots. The USB expansion card also ships with a pre-installed low-profile bracket and includes a standard profile bracket for maximum compatibility.

Certifications, Reports and Compatibility





Applications

Features

- **HIGH-PERFORMANCE USB CARD:** Enhance a desktop computer or server by upgrading or expanding its USB connectivity with this four-port USB Type-C card; Features individual USB controllers for up to 10Gbps per port (data only); PCI Express 3.0; TAA-compliant
- **DEDICATED 10GBPS PER PORT:** Features 4x USB controllers ensuring up to 10Gbps of bandwidth per port; High data throughput is ideal for large file transfers on external storage, simultaneous use of multiple USB-C devices, or using 10GbE USB network adapters
- **COMPATIBILITY:** Windows/Linux/macOS compatible; Add-on card ships with low-profile bracket installed (standard profile included); PCIe 3.0 x4 (or larger) slot required; Plug-and-play drivers; Supported speeds: 10Gbps, 5Gbps, 480Mbps, 12Mbps, and 1.1Mbps
- **AUXILIARY SATA POWER:** If the motherboard doesn't provide enough power, the built-in SATA power connection can be used to supply additional power to the USB ports; Internal USB-C PCIe expansion card can supply up to 5V 3A (15W) per port
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this USB 3.2 Gen 2 PCI Express Type-C card is backed for 2 years, including free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	2 Years
Ports	4
Interface	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Integrated on Card
Industry Standards	PCI Express 3.0
Chipset ID	ASMedia - ASM3142
	ASMedia - ASM1543
	ASMedia - ASM2812X

Performance

Total USB Power Output	15W max per port
Maximum Data Transfer Rate	10Gbps
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
UASP Support	Yes

Connector(s)

Internal Ports	1 - SATA Power (15 pin)
External Ports	4 - USB 3.2 Type-C (24 Pin, Gen 2, 10Gbps, 15W Power)
Host Connectors	1 - PCI Express x4

Software

OS Compatibility	Windows 10, 11 Windows Server 2019, 2022 macOS; 10.6 to 26.1 Linux 2.6.31 and up - LTS Versions only
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Power

Power Source	Bus Powered
Power Delivery	15W

Environmental

Operating Temperature	0C to 85C (32F to 185F)
Storage Temperature	-25C to -13C (14F to 185F)
Humidity	20% ~ 80% RH (non-condensing)

Physical Characteristics

Color	Red
Product Length	5.5 in [140 mm]
Product Width	2.2 in [56.2 mm]
Product Height	3.1 in [79.2 mm]
Weight of Product	3.5 oz [100 g]

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