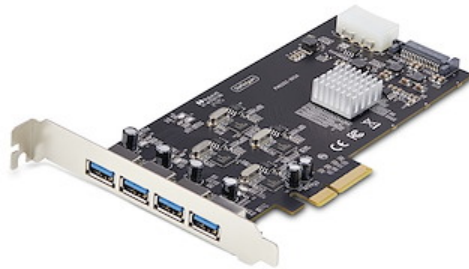


4-Port USB PCIe Card, USB 3.2 5Gbps, PCI Express Expansion Card with 4x Independent USB Controllers, 4x USB-A Ports, Windows/macOS/Linux

Nº de produit: P5Q4A-USB-CARD



Upgrade or expand the USB connectivity of a desktop computer or server by adding four independent USB Type-A 5Gbps ports over a single PCI Express 2.0 x4 connection.

When multiple devices are connected, traditional single-bus USB 3.2 Gen 1 cards share the maximum bandwidth across all ports. By employing four host controller chipsets, each port operates on its own independent channel, providing up to 5Gbps to each USB port, reducing performance bottlenecks and effectively quadrupling the total available bandwidth to 20Gbps.

This USB PCIe expansion card can receive supplemental power through SATA or LP4 connectors. It supports the Battery Charging 1.2 (5V 1.5A) specification and provides up to 5V 2A (10W) on the USB Type-A ports when the bus power from the motherboard is insufficient.

The PCI Express USB card drivers auto-install in most major operating systems, including Windows 8 and later, macOS, and Linux. The expansion card supports hardware platforms such as Intel, AMD, and Apple Silicon and fits in PCI Express x4, x8, and x16 slots. Horizontal USB ports enhance compatibility with different computer cases, reduce the risk of port clearance issues, and accommodate a wider range of USB devices and cables.

Certifications, rapports et compatibilité





Applications

- Upgrade a PCIe-equipped desktop to USB 5Gbps with 4x USB-A ports
- Ideal for simultaneously transferring large files or editing photos/videos on external storage devices

Spécifications techniques

- **HIGH-PERFORMANCE USB CARD:** Upgrade or expand a desktop or server's USB connectivity by adding four USB Type-A ports, each with a dedicated controller capable of up to 5Gbps, via a single PCI Express 2.0 x4 connection
- **4X INDEPENDENT USB CONTROLLERS:** Dedicated USB controllers per port enhance data throughput and ensure each device has up to 5Gbps bandwidth available; Ideal for simultaneously transferring large files or editing photos/videos on external storage devices
- **HORIZONTAL USB PORTS:** Enhance compatibility with different computer cases, reducing the risk of port clearance issues, and accommodating a wider range USB devices and cables
- **ALIMENTATION OPTIONNELLE :** La carte USB PCIe avec connecteurs d'alimentation SATA/LP4 fournit une alimentation supplémentaire aux ports USB, prenant en charge la spécification Battery Charging 1.2 (5V 1,5A) et fournissant jusqu'à 5V 2A (10W) par port
- **COMPATIBILITY:** Drivers auto-install in most major operating systems including Windows 8 & up, macOS, and Linux; Works with all hardware platforms, including Intel, AMD, and Apple Silicon, that have a PCI Express 2.0 (or higher) x4, x8, or x16 slot

Matériel

Politique de garantie	2 Years
Nombre de ports	4
Interface	PCI Express
Type de bus	USB 3.2 Gen 1 (5 Gbps)
Type de carte	Support standard (faible encombrement inclus)
Style de port	Intégré à la carte
Normes de l'industrie	PCI Express 2.0

ID du chipset	Renesas - UPD720202 x4
	Diodes Incorporated - PI7C9X2G608

Performance

Total USB Power Output	USB-A Power Output: 10W Max
Vitesse max. de transfert de données	5 Gbit/s
Type et débit	USB 3.2 Gen 1 - 5 Gbit/s
Prise en charge UASP	Oui

Connecteur(s)

Ports internes	1 - Alimentation SATA (15 broches) 1 - 4 pin Power (LP4) Female
Ports externes	4 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)
Connecteurs hôte	1 - PCI Express x4

Logiciel

Compatibilité système d'exploitation	Windows® 7, 8, 8.1, 10, 11 Windows Server® 2008 R2, 2012 R2, 2016, 2019, 2022 Linux 2.6.31 and up - <i>LTS Versions only</i>
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Alimentation

Source d'alimentation	Alimentation par bus
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Conditions environnementales

Température de fonctionnement	0°C to 50°C (32°F to 122°F)
Température de stockage	-10°C to 70°C (14°F to 158°F)
Humidité	5% ~ 90% HR (sans condensation)

Caractéristiques physiques

Couleur	Noir
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Longueur du produit	6.6 in [16.9 cm]
Largeur du produit	4.7 in [12.0 cm]
Hauteur du produit	0.7 in [1.9 cm]
Poids du produit	3.5 oz [100.0 g]

Informations
d'emballage

Package Length	8.1 in [20.7 cm]
Package Width	5.7 in [14.4 cm]
Package Height	1.3 in [3.3 cm]
Poids brut	5.7 oz [162.0 g]

Contenu du paquet

Inclus dans le paquet	1 - PCIe USB Card
	1 - Guide de démarrage rapide

* L'apparence et les spécifications du produit peuvent être modifiées sans préavis