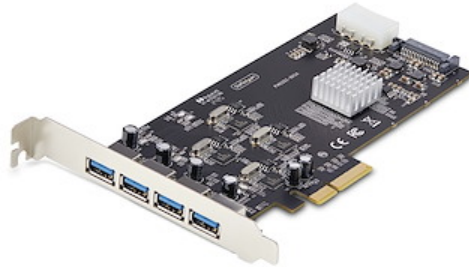


4-Port USB PCIe Card, USB 3.2 5Gbps, PCI Express Expansion Card with 4x Independent USB Controllers, 4x USB-A Ports, Windows/macOS/Linux

ID del Producto: 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.

Certificaciones, Reportes y Compatibilidad





Aplicaciones

- 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

Características

- **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
- **ALIMENTACIÓN OPCIONAL:** Conectores de alimentación SATA/LP4 que proporcionan alimentación adicional a los puertos USB (cuando la alimentación de la tarjeta madre sea insuficiente) - Battery Charging 1.2 (5V 1.5A) - Hasta 5V 2A (10W) por puerto
- **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

Hardware

Política de Garantía	2 Years
Cantidad de Puertos	4
Interfaz	PCI Express
Tipo de Bus	USB 3.2 Gen 1 (5 Gbps)
Tipo de Tarjeta	Perfil Estándar (incluye soporte para Perfil Bajo)
Estilo de Puerto	Integrado en la Tarjeta
Estándares Industriales	PCI Express 2.0

ID del Conjunto de Chips	Renesas - UPD720202 x4
	Diodes Incorporated - PI7C9X2G608

Rendimiento

Total USB Power Output	USB-A Power Output: 10W Max
Tasa de Transferencia de Datos Máxima	5 Gbps
Tipo y Velocidad	USB 3.2 Gen 1 - 5 Gbit/s
Compatibilidad con UASP	Sí

Conector(es)

Puertos Internos	1 - Alimentación SATA (15 pines)
	1 - 4 pin Power (LP4) Female
Puertos Externos	4 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)
Conectores del Host	1 - PCI Express x4

Software

Compatibilidad OS	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>

Requisitos de Energía

Adaptador de Corriente Incluido	Alimentación por bus
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Requisitos Ambientales

Temperatura Operativa	0°C to 50°C (32°F to 122°F)
Temperatura de Almacenamiento	-10°C to 70°C (14°F to 158°F)
Humedad	5% ~ 90% de HR (sin condensación)

Características
Físicas

Color	Negro
Longitud del Producto	6.6 in [16.9 cm]
Ancho del Producto	4.7 in [12.0 cm]
Altura del Producto	0.7 in [1.9 cm]
Peso del Producto	3.5 oz [100.0 g]

Información de la
Caja

Longitud de la Caja	8.1 in [20.7 cm]
Ancho de la Caja	5.7 in [14.4 cm]
Altura de la Caja	1.3 in [3.3 cm]
Peso (de la Caja) del Envío	5.7 oz [162.0 g]

Contenido de la
Caja

Incluido en la Caja	1 - PCIe USB Card
	1 - Guía Rápida de Inicio

* La apariencia y las especificaciones del producto están sujetas a cambios sin previo aviso.