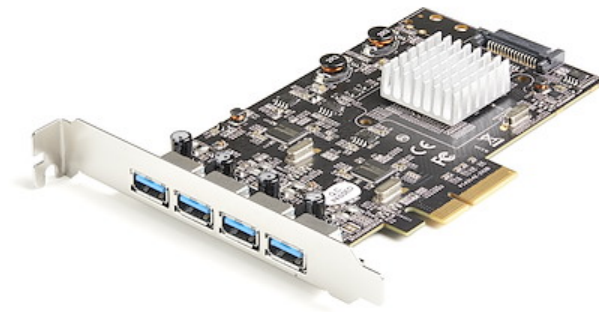


Carte PCIe 2 Ports USB - 10Gbps - Carte Contrôleur Hôte USB 3.1/3.2 Gen 2 Type-A
PCI Express 3.0 - 2 Contrôleurs - 4x USB-A - Carte Adaptateur PCIe USB Additionnelle -
Windows/Mac/Linux

N° de produit: PEXUSB314A2V2



This PCIe USB 3.2 Gen 2 controller card installs into an available PCI-Express x4 slot in your computer and enables you to upgrade your current system by adding four SuperSpeed USB-A (10Gbps) ports. The card features dual ASM3142 controllers with up to 20 Gbps of total bandwidth shared across all 4 ports.

The controller card enables you to connect four USB-A Gen 2 (10 Gbps) devices to your desktop computer. The USB-A ports are ideal for connecting USB devices such as external hard drives and solid state drives or powering and syncing your mobile devices. The USB-A ports provides up to 4.5W (5V/0.9A) of power per USB port, and are backward compatible with USB 3.2 Gen 1 (5 Gbps), and USB 2.0 (480 Mbsp) devices.

Note: USB 3.2 Gen 2 (10 Gbps) is also know as USB 3.1 Gen 2 (10 Gbps), and USB 3.2 Gen 1 (5 Gbps) is also know as USB 3.0 and USB 3.1 (5 Gbps).

The USB 3.2 Gen 2 card features dual ASMedia ASM3142 host controllers that utilizes x4 lanes of the PCIe 2.0 bus, making the card capable of speeds up to 10 Gbps on each port, and enabling fast access to high-performance devices like NVMe drives and SSDs. The controller cards support Multiple INs to reduce bandwidth loss when multiple devices are connected, even when connected through a USB Hub (Note: The USB hub must also support this feature). The card also supports UASP for improved performance with storage devices.

This add-on card includes a full-profile installation bracket ensuring you can install it into full-profile PCIe 2.0 x4 slots. For wide platform support the card is compatible with Windows, Linux and macOS. For hassle-free installation the drivers install automatically on computers running Windows 8 or higher. Works w/USB 3.1/3.0/2.0 devices

PEXUSB314A2V2 is backed by a StarTech.com lifetime warranty and free 24/5 multi-lingual North

American based technical support. StarTech.com has been the IT professionals' choice for over 30 years.

Certifications, rapports et compatibilité

Applications

- Connect high-performance devices like NVMe drives and SSDs

Spécifications techniques

- **HIGH PERFORMANCE:** USB PCIe card with 4x USB-A ports up to SuperSpeed 10Gbps per port; Dual ASM3142 controllers with up to 20Gbps total bandwidth across 4 ports; USB 3.1 Gen 2/USB 3.2 Gen 2x1; Upgraded version of our popular USB card PEXUSB314A2V
- **MAXIMIZED USB PERFORMANCE:** Multiple INs support for max bandwidth when using mixed-speed devices; USB Attached SCSI Protocol (UASP) for storage device, like SSDs, HDDs, NVMe drives and thumb drives
- **POWER:** USB PCI Express expansion card with SATA power header has the option to provide supplemental power to the USB ports (if motherboard power is insufficient) providing up to 4.5W (5V@0.9A) per USB-A port
- **COMPATIBILITY:** USB PCIe adapter card for desktop PC installs in standard profile PCI-e 2.0 x4 slot; Supports Windows/Linux/macOS with auto driver install on Windows 8 & up; Works w/USB 3.0/2.0 devices
- **STARTECH.COM ADVANTAGE:** IT professionals' choice for over 30 years; This USB-A PCIe add-on card is backed for life by StarTech.com, including free 24/5 North America based multi-lingual tech support

Prominence

Politique de garantie	Lifetime
Description CDW 75 - 1st Line	StarTech.com 4-Port USB PCIe Card - 10Gbps USB-A 3.1 Gen 2 - Dual Chip Card

Matériel

Nombre de ports	4
Interface	PCI Express
Type de bus	USB 3.2 Gen 2 10Gbps



Type de carte	Support standard
Style de port	Intégré à la carte
Normes de l'industrie	USB 3.1 Specification Rev. 1.0 USB Specification Rev. 2.0 PCI Express Base Specification Rev. 2.0 Intel xHCI Specification Rev. 1.1 UASP (USB Attached SCSI Protocol) Rev. 1.0
ID du chipset	ASMedia - ASM3142 ASMedia - ASM1812

Performance

Vitesse max. de transfert de données	10 Gbit/s sur 2 ports - 20 Gbit/s au total
Type et débit	USB 3.2 Gen 2 - 10 Gbit/s
Prise en charge UASP	Oui
MTBF	40,000 Hours

Connecteur(s)

Types de connecteur	PCI Express x4
Ports internes	Alimentation SATA (15 broches)
Ports externes	USB 3.1 USB Type-A (9 broches, deuxième génération, 10 Gb/s)

Logiciel

Compatibilité système d'exploitation	Windows® 7, 8, 8.1, 10 Windows Server® 2012 R2, 2016, 2019 macOS 10.13 to 10.15, 11.0 Linux® 3.5 or later <i>LTS version only</i>
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Notes spéciales / Configuration

Configurations du système et du câblage	Ordinateur ou serveur compatible PCI Express avec un slot PCI Express x4 ou supérieur (x8, x16) Connecteur d'alimentation SATA en option
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Remarque	Le débit maximum de cette carte est limité par l'interface de bus. Le débit maximal du PCI Express Gen 1.0 est de 2,5
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Gb/s. Le débit maximal du PCI Express Gen 2.0 est de 5 Gb/s. Le débit maximal du PCI Express Gen 3.0 est de 10 Gb/s.

La bande passante disponible (10 Gb/s) est répartie équitablement entre les deux ports.

Alimentation

Total USB Power Output	4.5W (5V @ 0.9A) nominal, per port - Ports trip before 2.1A (10.5W) for Over-Current Protection
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Conditions environnementales

Température de fonctionnement	5°C to 50°C (41°F to 122°F)
Température de stockage	-20°C to 60°C (-4°F to 140°F)
Humidité	Humidité relative de 20 % ~ 80 %

Caractéristiques physiques

Couleur	Noir
Longueur du produit	4.7 in [12.0 cm]
Largeur du produit	5.9 in [15.0 cm]
Hauteur du produit	0.7 in [19.0 mm]
Poids du produit	4.4 oz [125.0 g]

Informations d'emballage

Package Length	5.7 in [14.4 cm]
Package Width	8.1 in [20.7 cm]
Package Height	1.5 in [38.0 mm]
Poids brut	6.4 oz [180.0 g]

Contenu du paquet

Inclus dans le paquet	Carte USB 3.1
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Guide de démarrage rapide

Support pleine hauteur (installé)

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

