

2 Port Mini PCI Express SuperSpeed USB 3.0 Card Adapter with UASP Support

Produkt ID: MPEXUSB3S2



The MPEXUSB3S2 2-Port Mini PCI Express USB 3.0 Card Adapter adds two external USB ports to small form-factor systems, for connecting a variety of different peripherals.

Compliant with the SuperSpeed USB 3.0 specification, with support for transfer speeds up to 5 Gbps (10x faster than USB 2.0) and power output up to 900 mA.

Enhanced with UASP support (USB Attached SCSI Protocol), this USB 3.0 controller performs up to 70% faster than conventional USB 3.0 when paired with a (Note: UASP requires a compatible operating system). Using a more efficient protocol than the traditional USB BOT (Bulk-Only Transport), UASP technology optimizes transfers by allowing multiple commands to be processed simultaneously, significantly increasing transfer speeds for less wait time on data transfers. See our UASP test results below for further details.

Using the Mini PCI Express (Mini Card) form factor, this adapter card is designed for use in the latest very small form factor computer systems, such as Mini-ITX or custom embedded solutions where a standard PCIe card would not fit.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

UASP is supported in Windows® 8, Server 2012 and Linux kernel 2.6.3 or later. In testing UASP performed with up to a 70% faster read / 40% faster write speed over traditional USB 3.0 at peak performance.

At the same peak in testing, UASP also showed up to an 80% reduction in required processor resources.

Test results were obtained using an Intel® Ivy Bridge system, StarTech.com add-on USB 3.0 cards, a UASP-enabled StarTech.com enclosure, and a SATA III solid state drive.

Certifikat, rapporter och kompatibilitet

Användning

- System builders creating a small form factor HTPC with external USB 3.0 storage or other peripherals
- Custom embedded systems with no room for full or even low profile PCI Express cards
- Connecting external USB 3.0 storage devices for quick backup or archiving
- Adding two additional USB ports to a mini-ITX system

Funktioner

- Two external USB 3.0 type A ports
- UASP support for more efficient data transfer
- Provides up to 900mA of power per port
- Backward compatible with USB 2.0 and USB 1.0/1.1 devices
- Fully compliant with USB 3.0 rev 1.0 specifications and Intel xHCI rev 0.96 specifications, with transfer rates up to 5Gbps
- Supports Control/Bulk/Interrupt/Isochronous USB transfer modes
- Compliant with PCI Express Mini Card specification 1.2
- Includes a Low Profile/half-height installation bracket

Hårdvara

Garantipolicy	2 Years
Portar	2
Gränssnitt	USB 3.0
Busstyp	mini PCI Express
Korttyp	Inbyggd
Chipset-ID	Renesas/NEC - μ PD720200

Prestanda

Typ och hastighet	USB 3.0 - 5 Gbit/s
UASP-stöd	Ja

Kontakt(er)

Kontakttyp(er)	Mini PCI Express x1 (52-stifts)
Externa portar	USB Type-A (9-stifts) USB 3.0 (5 Gbps)

Mjukvara

OS-kompatibilitet	Windows XP (32/64-bit)/ Server 2003 (32/64-bit)/ Server 2008 R2/ Vista (32/64-bit)/ 7 (32/64-bit)/ 8 (32/64-bit)
-------------------	--

Särskilda
anmärkningar/krav

System- och kabelkrav	Available Mini PCI Express expansion slot (full length)
Obs.	Ensure computer case has an available expansion card slot

Miljö

Drifttemperatur	0°C to 85°C (32°F to 185°F)
Förvaringstemperatur	-65°C to 125°C (-85°F to 257°F)

Utseende

Produktlängd	2.0 in [50 mm]
Produktbredd	1.2 in [30 mm]
Produkthöjd	0.1 in [3 mm]
Produktvikt	2.5 oz [70.4 g]

Förpackning

Package Length	8.3 in [21 cm]
Package Width	5.7 in [14.5 cm]
Package Height	1.6 in [40 mm]
Fraktvikt (förpackning)	6.1 oz [174.2 g]



Vad det är i lådan

Ingår i paketet

Mini PCIe USB 3.0 Card

Low Profile Bracket

Driver CD

Instruction Manual

* Produkters utseende och specifikationer kan komma att ändras utan förvarning.

