2 Port SuperSpeed Mini PCI Express USB 3.0 Adapter Card w/ Bracket Kit and UASP Support
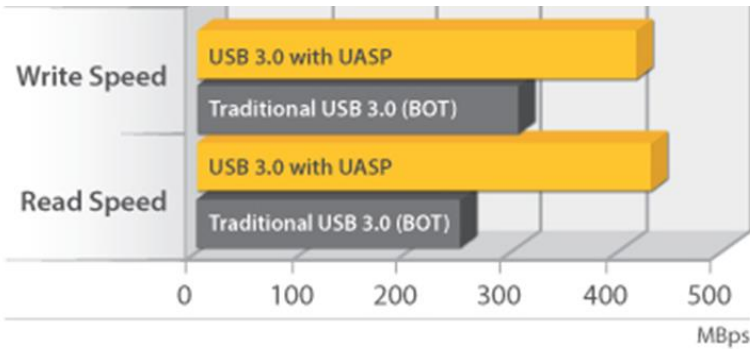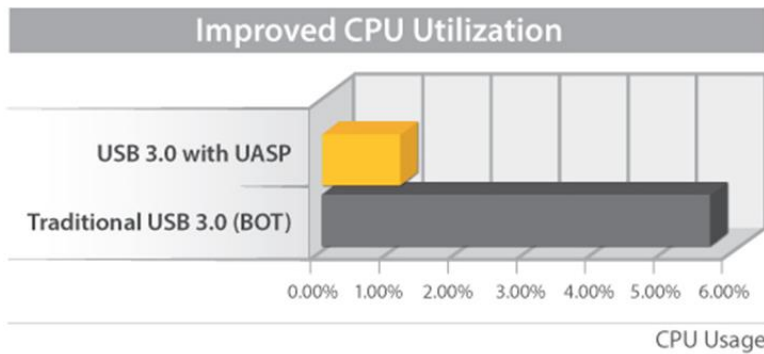
StarTech ID: MPEXUSB3S22B

The MPEXUSB3S22B 2-Port Mini PCI Express USB 3.0 Card with Bracket Kit adds two external USB 3.0 ports to small form-fac/   3.0MÆC   Â   cc.B%   M   Fth) auscato   .

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.

Applications

- System builders creating a small form factor HTPC with external USB 3.0 storage or other peripherals
- Add two USB 3.0 device connections to a mini-ITX or custom embedded system with no room for a standard PCI Express card
- Connecting external USB 3.0 storage devices for quick backup or archiving

Features

- Two external USB 3.0 type A ports
- UASP support for more efficient data transfer
- Provides up to 900mA of power per port
- Fully Compliant with USB 3.0 and Intel xHCI Specification
- Backward compatible with USB 2.0 and USB 1.0/1.1 devices
- PCI Express Base Specification 2.0 Compliant (backward compatible with 1.0a/1.1)
- Supports Control / Bulk / Interrupt / Isochronous USB Transfer Modes

Technical Specifications

Warranty	2 Years
Ports	2
Interface	USB 3.0
Bus Type	Mini PCI Express
Card Type	Embedded
Industry Standards	Intel xHCI
Industry Standards	PCI Express Base Specification 2.0 (backward compatible with 1.0a/1.1)
Industry Standards	USB 3.0
Chipset ID	Renesas - uPD720202
Connector Type(s)	1 - Mini PCI Express x1 (52 pin) Male
Internal Ports	1 - IDC (20 pin; USB 3.0; Motherboard Header) Male
Internal Ports	1 - SP4 (4 pin; Small Drive Power) Male
External Ports	2 - USB 3.0 A (9 pin; SuperSpeed) Female
Maximum Data Transfer Rate	5 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
OS Compatibility	Windows® 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64) Windows Server® 2012, 2008 R2, 2003
System and Cable Requirements	Available Mini PCI Express expansion slot (full length)
System and Cable Requirements	Case/Chassis with available Low or Full profile expansion card slot
Cable Length	23.6 in [600 mm]
Product Length	2 in [51 mm]
Product Width	1.2 in [30 mm]
Product Weight	2.2 oz [61 g]
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	5~95% RH
Shipping (Package) Weight	7.3 oz [207 g]
Included in Package	1 - Mini PCIe USB 3.0 Card
Included in Package	1 - USB Header to 2 Port Cable
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Standard Profile Bracket
Included in Package	1 - LP4 Power Cable
Included in Package	1 - Screw Kit

Included in Package   1 - Driver CD

Included in Package   1 - Instruction Manual

Certifications, Reports and Compatibility

CE

FC

RoHS Compliant
Available

works with
Windows 7

works with
Windows
Server 2012

works with
Windows 8