

## 2 Port Flush Mount ExpressCard 54mm SuperSpeed (5Gbps) USB 3.0 Card Adapter with UASP Support

**Product ID:** ECUSB3S254F



The ECUSB3S254F 2-Port Flush Mount USB 3.2 Gen 1 ExpressCard Adapter lets you add two USB 3.2 Gen 1 ports to your ExpressCard-enabled laptop.

The USB 3.2 Gen 1 card uses a unique design that allows it to sit flush in a standard 54mm laptop ExpressCard slot, creating a seamless add-on that can be left installed even while on the move, without having to worry about impact damage to either the card or the ExpressCard slot.

Enhanced with UASP support (USB Attached SCSI Protocol), this USB 3.2 Gen 1 controller performs up to 70% faster than conventional USB 3.2 Gen 1 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.

The SuperSpeed USB 3.2 Gen 1 Card supports data transfer rates of up to 5Gbps, and is backward compatible with USB 2.0 (at up to 480Mbps), or USB 1.1/1.0 at up to 1.5/1.2 Mbps respectively - the perfect laptop accessory for users to connect USB devices, both new and old.

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

UASP is supported in Windows 8 and Server 2012. In testing UASP performed with up to a 70% faster read / 40% faster write speed over traditional USB 3.2 Gen 1 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 3.2 Gen 1 cards, a UASP-enabled StarTech.com enclosure, and a SATA III solid state drive.

## Certifications, Reports and Compatibility



## Applications

- Users who need USB connectivity, but do not need to swap between other ExpressCard adapters, so will leave the card installed in the card slot
- Mobile users who want to leave ExpressCard adapters installed, without worry about damaging the card or slot while on the move
- Connect high performance USB 3.0 external storage devices to a laptop
- Upgrade an older laptop with USB 3.0 connectivity
- Expand on your laptop expansion capabilities with additional USB ports

## Features

- Unique flush-mount form factor design
- Two SuperSpeed USB 3.2 Gen 1 compliant ports with support for transfer rates up to 5 Gbps
- UASP support for more efficient data transfer
- Backward compatible with USB 2.0/1.x devices
- Compliant with USB 3.2 Gen 1 base specification 1.0 and xHCI specification 0.95
- Compliant with PCI Express specification 2.0
- Built-in external DC power connector (optional)

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### Hardware

Warranty	2 Years
Ports	2
Interface	USB 3.2 Gen 1 (5Gbps)
Bus Type	ExpressCard
Card Type	54mm ExpressCard

Chipset ID                      Renesas/NEC - PD720200

**Performance**

Type and Rate                      USB 3.0 - 5 Gbit/s

UASP Support                      Yes

**Connector(s)**

External Ports                      2 - USB Type-A (9 pin, 5 Gbps)

**Software**

OS Compatibility                      Windows 11, 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64)

Windows Server 2008 R2, 2003

**Special Notes / Requirements**

System and Cable Requirements                      Available ExpressCard/54 slot

Note                      The maximum throughput of this card is limited by the host bus interface. If used with ExpressCard Gen 1.0 enabled computers, the max throughput is 2.5 Gbps. If used with ExpressCard Gen 2.0 enabled computers, the max throughput is 5 Gbps.

**Power**

Power Source                      Not Included (not required for standard applications)

Output Voltage                      5 DC

Center Tip Polarity                      Positive

Plug Type                      A

**Environmental**

Operating Temperature                      0C to 85C (32F to 185F)

Storage Temperature                      -65C to 125C (-85F to 257F)

**Physical Characteristics**

Color                      Black & Silver

Material                      Steel

Product Length                      2.9 in [74 mm]

Product Width	2.1 in [54 mm]
Product Height	0.2 in [0.5 cm]
Weight of Product	0.9 oz [25 g]

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**Packaging Information**

Package Quantity	1
Package Length	5.7 in [14.5 cm]
Package Width	6.9 in [17.5 cm]
Package Height	1.2 in [31 mm]
Shipping (Package) Weight	3.7 oz [105 g]

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**What's in the Box**

Included in Package	1 - ExpressCard USB 3.0 Card
	1 - USB to DC Power Adapter Cable
	1 - Driver CD
	1 - Instruction Manual

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***\*Product appearance and specifications are subject to change without notice.***