

## 1 Port Flush Mount ExpressCard SuperSpeed USB 3.0 Card Adapter with UASP Support

**Product ID:** ECUSB3S1



The ECUSB3S1 Flush Mount 1-Port USB 3.0 ExpressCard lets you add a single USB 3.0 port connection to your laptop through an ExpressCard slot.

The USB 3.0 adapter uses a unique form factor design that allows it to sit fully in a standard 34mm ExpressCard slot without sticking out. The port sits virtually flush with the sides of the laptop, enabling you to leave the card installed even while on the move, without fear of damage to the card or slot.

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.

The USB 3.0 ExpressCard supports data transfer rates up to 5Gbps, and is still backward compatible with USB 2.0 at up to 480Mbps, or USB 1.1/1.0 at up to 12/1.5 Mbps respectively.

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.

## Certifications, Reports and Compatibility



## Applications

- Upgrade an older laptop with USB 3.0 connectivity
- Expand on your laptop expansion capabilities with an additional USB port
- 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

## Features

- Unique flush-mount form factor design
- SuperSpeed USB 3.0 compliant host interface with support for transfer rates up to 5 Gbps
- Provides up to 850mA of power over USB
- Backward compatible with USB 2.0/1.x devices
- Compliant with USB 3.0 base specification 1.0 and xHCI specification 0.95
- Compliant with PCI Express specification 2.0
- Support for up to 127 USB devices per port (requires additional USB hubs)
- Includes 34mm to 54mm ExpressCard stabilizer bracket
- UASP support for more efficient data transfer

---

### Hardware

Warranty	2 Years
Ports	1
Interface	USB 3.0
Bus Type	ExpressCard
Card Type	34mm ExpressCard
Port Style	Integrated on Card
Chipset ID	Renesas/NEC - PD720200

---

## Performance

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes

---

## Connector(s)

Connector Type(s)	ExpressCard (34mm)
External Ports	USB Type-A (9 pin) USB 3.0 (5 Gbps)

---

## Software

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

---

## Special Notes / Requirements

System and Cable Requirements	Available ExpressCard 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)
Input Voltage	5 DC
Center Tip Polarity	Positive
Plug Type	A

---

## Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-10C to 85C (14F to 185F)
Humidity	5% ~ 95% RH

---

## Physical Characteristics

Product Length	3.0 in [75 mm]
Product Width	1.4 in [35 mm]
Product Height	0.2 in [5 mm]



Weight of Product 0.6 oz [17 g]

---

**Packaging Information**

Package Length 6.3 in [16 cm]

Package Width 5.1 in [13 cm]

Package Height 1.2 in [30 mm]

Shipping (Package) Weight 3.5 oz [99 g]

---

**What's in the Box**

Included in Package Slim ExpressCard adapter

Driver CD

Instruction Manual

DC to USB Adapter Cable

34mm to 54mm Stabilizer Bracket

---

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

