

2 Port ExpressCard SuperSpeed USB 3.0 Card Adapter with UASP Support

Product ID: ECUSB3S2



The ECUSB3S2 ExpressCard USB 3.0 Adapter lets you add two USB 3.0 ports to your laptop through a 34mm ExpressCard 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.

Featuring a native NEC host controller chipset, the USB 3.0 ExpressCard adapter is compliant with USB 3.0 standards for data transfer speeds up to 5 Gbps, while still offering backward compatibility with existing USB 2.0 / 1.1 devices.

Backed by a StarTech.com lifetime 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

- Update an older laptop by adding USB 3.0 connectivity

- Connect additional external hard drives, CD/DVD drives, MP3 players, printers, scanners, webcams, game controllers, digital cameras, etc. to a computer system through the USB 3.0 ports the adapter provides

Features

- Fully compliant with USB 3.0 rev 1.0 specifications and Intel xHCI rev 0.96 specifications, with transfer rates up to 5Gbps
- UASP support for more efficient data transfer
- Backward compatible with USB 2.0 and 1.1/1.0 devices
- Provides up to 900mA of power per port, with additional power adapter
- Supports Control/Bulk/Interrupt/Isochronous USB transfer modes
- Support for up to 127 USB devices per port (requires additional USB hubs)
- Compliant with ExpressCard 1.0 specifications
- Plug-and-Play and hot-swap compliant
- Fits in 34mm and 54mm ExpressCard slots

Hardware

Warranty	Lifetime
Ports	2
Interface	USB 3.0
Bus Type	ExpressCard
Card Type	34mm ExpressCard
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 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64)
	Windows Server 2008 R2, 2003
	Linux 2.6 and later (tested up to 3.5)

Special Notes / Requirements

Note	Due to the power limitations of the ExpressCard interface this adapter cannot supply 900mA of current to both ports. Some devices like External 2.5" Hard Drives may require an additional power adapter.
------	---

The maximum throughput of this card is limited by the 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
Output Current	2A
Center Tip Polarity	Positive
Plug Type	H

Environmental

Operating Temperature	-0C to 50C (32F to 122F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	0~85% RH

Physical Characteristics

Product Length	4.5 in [11.5 cm]
Product Width	1.3 in [34 mm]
Product Height	0.8 in [21 mm]
Weight of Product	1.6 oz [45 g]

Packaging



Information

Package Length	5.9 in [14.9 cm]
Package Width	1.0 in [24.2 mm]
Package Height	4.8 in [12.3 cm]
Shipping (Package) Weight	4.2 oz [120 g]

What's in the Box

Included in Package	USB 3.0 ExpressCard
	Driver CD
	Instruction Manual

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

