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Data Sheet

2 Port Flush Mount ExpressCard 54mm SuperSpeed USB 3.0 Card Adapter with UASP Support

Product ID: ECUSB3S254F



The ECUSB3S254F 2-Port Flush Mount USB 3.0 ExpressCard Adapter lets you add two USB 3.0 ports to your ExpressCard-enabled laptop.

The USB 3.0 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 3.0 controller performs up to 70% faster than conventional USB 3.0 when paired with a UASP supported enclosure (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 3.0 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.

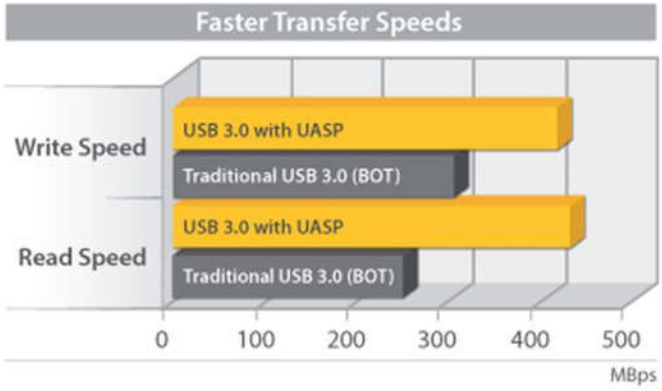
Backed by a StarTech.com 2-year warranty and free lifetime technical support.

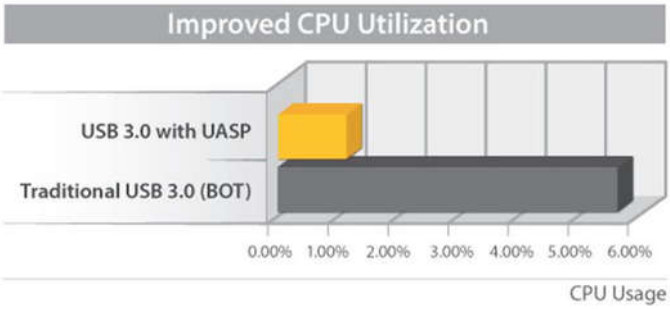
Improved Performance with UASP

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 3.0 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

RoHS & REACH DOWNLOAD DECLARATION

TAA COMPLIANT

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 3.0 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 3.0 base specification 1.0 and xHCI specification 0.95
- Compliant with PCI Express specification 2.0
- Built-in external DC power connector (optional)

	Warranty	2 Years
Hardware	Bus Type	ExpressCard
	Card Type	54mm ExpressCard
	Chipset ID	Renesas/NEC - µPD720200
	Interface	USB 3.0
	Ports	2
Performance	Type and Rate	USB 3.0 - 5 Gbit/s
	UASP Support	Yes
Connector(s)	External Ports	2 - USB Type-A (9 pin) USB 3.0 Female
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
Special Notes / Requirements	**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.
	System and Cable Requirements	Available ExpressCard/54 slot
Power	Center Tip Polarity	Positive
	Output Voltage	5 DC
	Plug Type	A
	Power Source	Not Included (not required for standard applications)
Environmental	Operating Temperature	0°C to 85°C (32°F to 185°F)
	Storage Temperature	-65°C to 125°C (-85°F to 257°F)
Physical Characteristics	Product Height	0.2 in [0.5 cm]
	Product Length	2.9 in [74 mm]
	Product Width	2.1 in [54 mm]
	Weight of Product	0.9 oz [25 g]
Packaging Information	Package Height	1.2 in [31 mm]
	Package Length	5.7 in [14.5 cm]
	Package Width	6.9 in [17.5 cm]
	Shipping (Package) Weight	3.7 oz [105 g]
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

Product appearance and specifications are subject to change without notice.