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Data Sheet

2 Port ExpressCard SuperSpeed USB 3.0 Card Adapter with UASP Support

Product ID: ECUSB3S22



The ECUSB3S22 2-Port ExpressCard USB 3.0 Card adds 2 SuperSpeed USB 3.0 ports to an ExpressCard-enabled computer system, using a 34mm form factor that will fit in both 34mm and 54mm slots, along with ports mounted side-by-side for easy access.

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.

USB 3.0 supports data transfer rates up to 5 Gbps (10x faster than USB 2.0) and is able to provide more power per port, to help support faster and more powerful devices. Also, this ExpressCard adapter is backward compatible with USB 2.0/1.x, so all of your existing devices will still work.

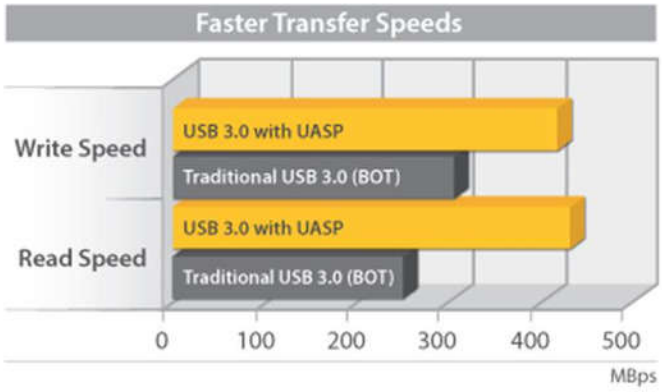
Backed by a StarTech.com 2-year warranty and free lifetime technical support.

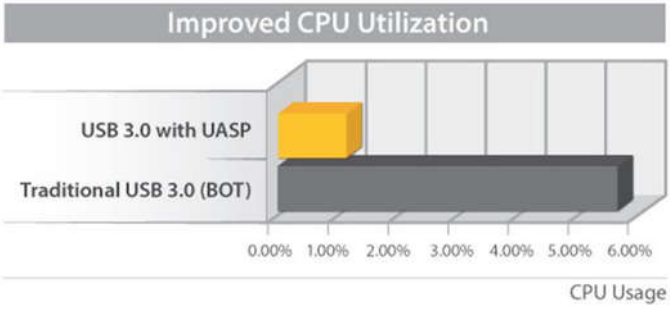
Improved Performance with UASP

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

- Laptop users looking to extend the life of their older mobile computers by adding USB 3.0 connectivity
- Expand on your laptop expansion capabilities with additional USB ports
- Professionals or home users looking to expand a laptops storage capabilities with high performance USB 3.0 external storage devices for large videos/images/etc.
- IT professionals looking to backup or archive large amounts of data off of a laptop quickly

Features

- Two SuperSpeed USB 3.0 compliant ports, with support for transfer rates up to 5 Gbps
- Side-by-side port mount design
- UASP support for more efficient data transfer
- Backward compatible with USB 2.0/1.x devices
- Built-in external DC power connector (optional)
- Compliant with USB 3.0 base specification 1.0 and xHCI specification 0.96
- Compliant with PCI Express specification 2.0

	Warranty	Lifetime
Hardware	Bus Type	ExpressCard
	Card Type	34mm ExpressCard
	Chipset ID	Renesas/NEC - µPD720200
	Interface	USB 3.0
	Ports	2
Performance	Maximum Data Transfer Rate	5 Gbps
	Type and Rate	USB 3.0 - 5 Gbit/s
	UASP Support	Yes
Connector(s)	Connector Type(s)	1 - ExpressCard (34mm)
	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**	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 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	Output Voltage	5 DC
	Plug Type	B
	Power Source	Not Included (not required for standard applications)
Environmental	Humidity	0% ~ 60% RH
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-20°C to 150°C (-4°F to 302°F)
Physical Characteristics	Product Height	1.2 cm [0.5 in]
	Product Length	11.5 cm [4.5 in]
	Product Width	40 mm [1.6 in]
	Weight of Product	32 g [1.1 oz]
Packaging Information	Package Height	32 mm [1.3 in]

	Package Length	14.4 cm [5.7 in]
	Package Quantity	1
	Package Width	17.3 cm [6.8 in]
	Shipping (Package) Weight	119 g [4.2 oz]
What's in the Box	Included in Package	1 - ExpressCard USB 3.0 Card
		1 - USB to DC Power Cable
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.