USB 3.0 to 2.5" SATA III Hard Drive Adapter Cable w/ UASP – SATA to USB 3.0 Converter for SSD / HDD

Product ID: USB3S2SAT3CB

The USB3S2SAT3CB USB 3.0 to SATA adapter cable lets you connect a 2.5" SATA hard drive or solid state drive to your computer through an available USB port -- the easiest way to upgrade the hard drive in your laptop by adding an external SSD via USB 3.0.

The cable supports UASP, allowing for transfer speeds up to 70% faster than conventional USB 3.0, which enables you to utilize the full potential of your SATA III SSD/HDD, when paired with a UASP-enabled host controller. See our UASP testing results below for further details.

This portable adapter features a lightweight design with no external power required, for easy storage in a laptop bag or carrying case. Plus, the cable-style adapter makes it easy to swap between hard drives without having to install your drives into an enclosure. Perfect for easy drive access for data migration, drive cloning and data backup applications.

The USB3S2SAT3CB is backed by a StarTech.com 2-year warranty and free lifetime technical support.
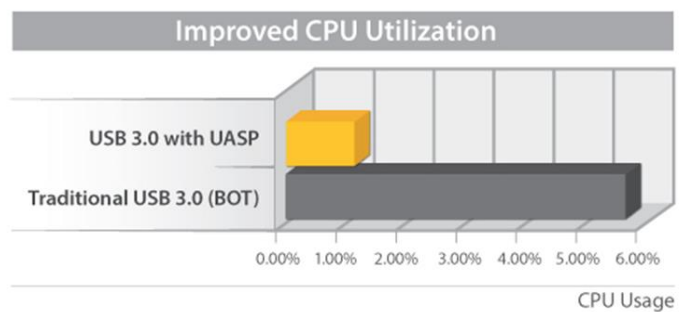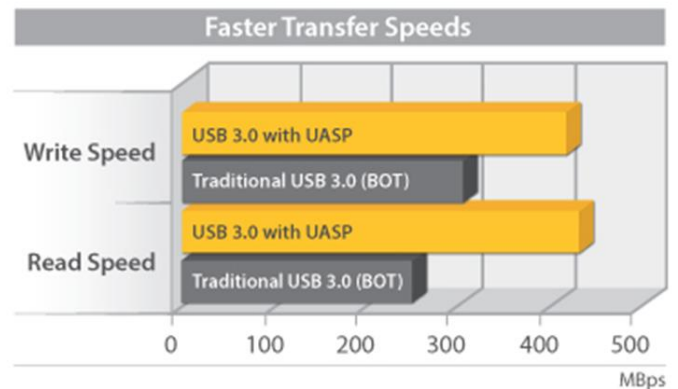
Improved Performance with UASP

UASP is supported in Windows 8, Mac OSX (10.8 or above), and Linux. In testing, UASP performs with a 70% faster read speed and 40% faster write speed over traditional USB 3.0 at peak performance.

At the same peak in testing, UASP also shows an 80% reduction in required processor resources.

Testing results were obtained using an Intel® Ivy Bridge system, a UASP-enabled StarTech.com Enclosure, and a SATA III solid state drive.

Faster Transfer Speeds

Write Speed
- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

Read Speed
- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

0   100   200   300   400   500
MBps

Improved CPU Utilization

USB 3.0 with UASP

Traditional USB 3.0 (BOT)

0.00% 1.00% 2.00% 3.00% 4.00% 5.00% 6.00%
CPU Usage

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Take advantage of USB 3.0-enabled laptops or desktops with UASP for faster transfer speeds
- Create an external storage solution on the go, for desktops, laptops or Ultrabook™ computers
- Access any 2.5" hard drive or solid state drive from any USB enabled computer, for data migration or drive cloning
- Back up important data to an external storage device
- Retrieve data from an old SATA drive
- Use with an SSD drive to externally upgrade your laptop hard drive via USB 3.0

Features

- Cable-style adapter
- UASP Support (Attached SCSI Protocol Specification Revision 1.0)
- Compatible with USB 3.0/2.0/1.1 (5Gbps/480Mbps/12Mbps)
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- USB powered

Hardware	Warranty	2 Years
	Bus Type	USB 3.0
	Chipset ID	ASMedia - ASM1153E
	Compatible Drive Types	SATA
	Drive Size	2.5in
	Fan(s)	No
	Interface	USB 3.0
	Number of Drives	1
Performance	General Specifications	Max power of the attached drive is 900 mA
	Max Drive Capacity	Currently tested with up to 2TB 5900 RPM hard drives
	Type and Rate	USB 3.0 - 5 Gbit/s
		SATA III (6 Gbps)
	UASP Support	Yes
Connector(s)	Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - USB Type-A (9 pin) USB 3.0 Male
Software	OS Compatibility	OS independent; No software or drivers required
Special Notes / Requirements	Note	Cable will work only with 2.5" SATA drives 3.5"/5.25" drives are not supported
Power	Power Source	USB-Powered
Environmental	Humidity	40%-85%RH
	Operating Temperature	0°C to 60°C (32°F to 140°F)
	Storage Temperature	-10°C to 70°C (14°F to 158°F)
Physical Characteristics	Product Height	0.4 in [9 mm]
	Product Length	19.7 in [500 mm]
	Product Weight	1.4 oz [41 g]
	Product Width	1.9 in [49 mm]
Packaging Information	Shipping (Package) Weight	2.2 oz [61 g]
What's in the Box	Included in Package	1 - USB 3.0 to SATA 2.5" HDD Adapter Cable
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.