USB 3.0 to 4-Bay SATA 6Gbps Hard Drive Docking Station w/ UASP & Dual Fans - 2.5/3.5in SSD / HDD Dock

StarTech ID: SDOCK4U33

The SDOCK4U33 four-bay 2.5/3.5" SATA HDD / SSD docking station lets you dock and swap four drives from your desktop or laptop computer simultaneously, using a single USB port.

Get the most out of your SATA III (Gbps) solid state drives and hybrid drives with this UASP (USB Attached SCSI Protocol) enhanced hard drive docking station. With performance up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller, UASP ensures high performance by reducing bottleneck. See our UASP testing results below for further details.

The hard drive dock features independently-powered SATA connectors for each individual drive, ensuring you can operate drives separately. This gives you the freedom to hot-swap one drive while transferring data to another, saving you time. Plus, the built-in fans keep your drives running cool, ensuring optimal performance and helps to prevent premature drive failure.

Extend the value of this hard drive docking station further with the addition of our SATA to IDE Hard Drive Adapter (SAT2IDEADP), allowing easy insertion of any 2.5 or 3.5in. IDE hard drive into a SATA hard drive dock.

To ensure compatibility with your computer system, the SDOCK4U33 supports all of the leading operating systems, including: Microsoft Windows® (8/7/Vista/XP/Server 2008/Server 2003), Apple® OSX (10.9/10.8/10.7/10.6), Linux, and Google Chrome OS™.
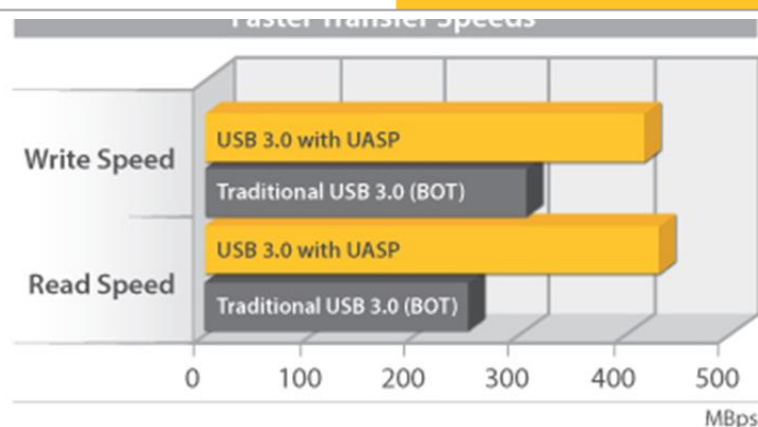
SDOCK4U33 is backed by a StarTech.com 2-year warranty and free lifetime technical support.
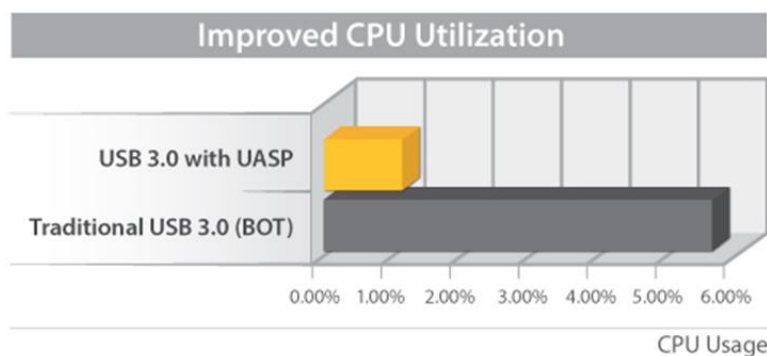
Improved Performance with UASP

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.

Faster Transfer Speeds

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

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

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

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

Applications

- System builders and I.T. specialists who need quick access to drives for imaging
- Backup data quickly to an external drive for archiving
- Transferring data from one hard drive to another
- Technicians who test or benchmark multiple hard drives
- Backup important data and easily take the drive to an offsite location for safekeeping

Features

- Supports SATA III (6 Gbps) and UASP for optimal performance
- Independently powered SATA controllers
- Built-in dual 40 cm cooling fan
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Compatible with USB 3.0/2.0/1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- Supports both 2.5" and 3.5" form factor hard drives (HDD) and solid state drives (SSD)
- Quad-bay, top slot-loading design with drive doors

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Technical Specifications

Warranty	2 Years
Interface	USB 3.0
Number of Drives	4
Drive Size	2.5in & 3.5in
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Removable
Fan(s)	Yes
Fans	2 - 40 mm
Chipset ID	VL812+ASM1053E
Drive Connectors	4 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB 3.0 B (9 pin; SuperSpeed) Female
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Max Drive Capacity	Currently tested with up to 4TB 7200 RPM 3.5" hard drives per bay (8TB total) and 2TB 5900 RPM 2.5" hard drives (2TB total)
Insertion Rating	15,000 Cycles
OS Compatibility	Windows® 8/8.1 (32/64bit), 7 (32/64bit), Server 2008 (32/64), Vista(32/64), Server 2003 (32/64) XP(32/64), 2000 Apple® Mavericks (10.9) OSX Mountain Lion (10.8), Lion (10.7), Snow Leopard (10.6) Linux Google Chrome™ OS
Color	Black
Enclosure Type	Plastic
Product Length	11.2 in [285 mm]
Product Width	6.7 in [171.2 mm]
Product Height	3.3 in [85 mm]
Product Weight	36.5 oz [1035 g]
LED Indicators	4 - Drive power/activity LED
Power Source	AC Adapter Included
Input Voltage	100 ~ 240 AC
Input Current	2.5A
Output Voltage	12 DC
Output Current	6.5 A

Operating Temperature	5°C to 35°C (41°F to 95°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Humidity	20%RH ~ 80%RH
Shipping (Package) Weight	76.9 oz [2179 g]
Included in Package	1 - USB 3.0 4-Bay 2.5/3.5" SATA SSD/HDD Dock
Included in Package	1 - USB 3.0 Cable
Included in Package	1 - Universal power adapter (NA/EU/UK/AUS)
Included in Package	1 - Instruction manual

Certifications, Reports and Compatibility