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Data Sheet

Universal Docking Station for Hard Drives - USB 3.0 with UASP

Product ID: UNIDOCKU33



The UNIDOCKU33 USB 3.0 Universal HDD / SSD Dock enables you to instantly access your 2.5 or 3.5in IDE and SATA hard drives through two top loading drive slots, saving you the hassle of mounting the drives into a computer or external enclosure or tray.

Enhanced with UASP (USB Attached SCSI Protocol), this hard drive docking station lets you get the most out of the fastest drive technologies such as SATA III (6 Gbps), solid state drives (SSD) and hybrid, drives with performance up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller. See our UASP testing results below for further details.

The slot-loading design holds the SATA and IDE drives upright inside the docks, neatly keeping them off the desk, for convenience and a clutter-free setup. For SATA drives, the HDD can be inserted and connected directly through the designated dock slot, while the IDE drive slot is conveniently positioned near the rear panel 40-pin data and LP4 power connections, making it easy to connect to the dock using the included IDE data and power cables.

A single USB 3.0 connection to your host computer, enables access to both the IDE & SATA hard drives simultaneously - a convenient solution for migrating data from an IDE drive to a SATA drive or vice versa. The dock can also be used to greatly increase the storage and backup capabilities of your computer system with support for high capacity drives (tested with up to 6TB 3.5" and 2TB 2.5" drives).

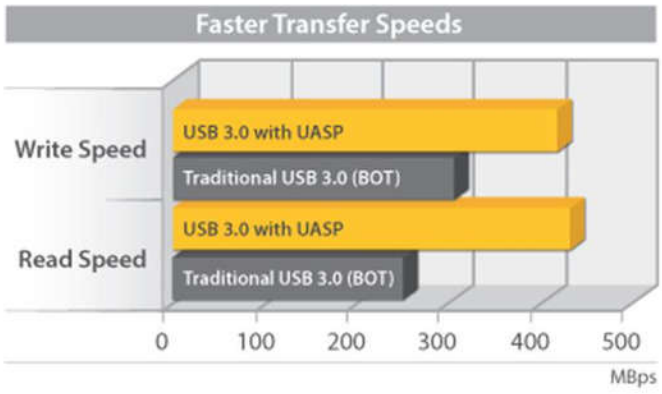
The UNIDOCKU33 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

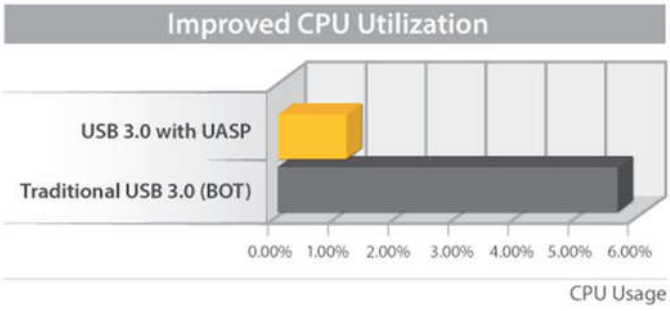
Improved Performance with UASP

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.





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Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Transfer files directly between a SATA and IDE hard drive, without having to transfer to the host computer first or use multiple devices
- Access 2.5/3.5in IDE or SATA drives, for fast data retrieval
- Recover data from drives on failed computers
- Backup data quickly to an external drive for archiving
- Test or benchmark multiple hard drives

Features

- Maximum versatility with support for SATA & IDE as well as 2.5in and 3.5in HDDs & SSDs
- Optimal performance with support for SATA III & UASP
- Hassle-free operation with upright slot-loading SATA and IDE drive bays
- Compatible with USB 3.0 / 2.0 / 1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Compatible with PATA (IDE) 66/100/133 MBps hard drives
- Supports 2.5" or 3.5" form factor hard drives (HDD) or solid state drives (SSD)
- Compact, desktop-style form factor
- Plug-and-Play and hot-swap compatible
- Patented drive ejection mechanism for SATA drives
- Combined power switch and status LED for each drive

	Warranty	2 Years
Hardware	Chipset ID	JMicron - JMS561U JMicron - JMD330
	Compatible Drive Types	SATA & IDE
	Drive Installation	Removable
	Drive Size	2.5in & 3.5in
	Fan(s)	No
	Interface	USB 3.0
	Number of Drives	2
Performance	Insertion Rating	15,000 Cycles (SATA)
	Max Drive Capacity	Currently tested with up to 6TB 7200 RPM 3.5" hard drives and 2TB 5400 RPM 2.5" hard drive
	Maximum Data Transfer Rate	5 Gbps
	MTBF	30000 hours
	RAID	No
	Type and Rate	USB 3.0 - 5 Gbit/s SATA III (6 Gbps)
	UASP Support	Yes
Connector(s)	Drive Connectors	1 - IDE (40 Pin, EIDE/PATA) Male 1 - LP4 (4 pin; Molex-type Large Drive Power) Male 1 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	2 - Power and Drive Activity
Power	Center Tip Polarity	Positive
	Input Current	1.3 A
	Input Voltage	110V-240V AC
	Output Current	3 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	36
	Power Source	AC Adapter Included

Environmental	Humidity	8% ~ 90% RH
	Operating Temperature	5°C to 80° (41°F to 176°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Physical Characteristics	Color	Black
	Enclosure Type	Plastic
	Product Height	2.8 in [70 mm]
	Product Length	5.8 in [147 mm]
	Product Weight	19.5 oz [552 g]
	Product Width	5.1 in [130 mm]
Packaging Information	Shipping (Package) Weight	2.4 lb [1.1 kg]
What's in the Box	Included in Package	1 - Universal Hard Drive Dock
		1 - USB 3.0 Cable
		1 - IDE 40 to 40 Pin Cable
		1 - LP4 Power Cable
		1 - 40 Pin + LP4 to 44 Pin IDE Cable
		1 - Universal Power Adapter (NA/UK/EU/AUS)
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.