

Rugged hard drive enclosure - USB 3.0 to 2.5in SATA 6Gbps HDD or SSD - UASP

StarTech ID: S251BRU33



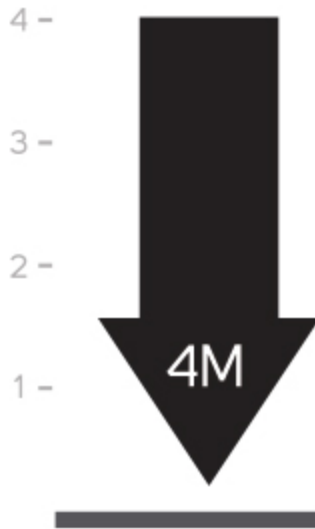
This rugged drive enclosure redefines data protection for on-the-go professionals. The military-grade construction protects your sensitive data from harsh field conditions. It makes sure you're equipped for unexpected challenges with a ruggedized water, dust, vibration and shock resistant enclosure.

Industry recognized protection against water and dust, with an IP54 rating



Keep your data safe and secure even through sudden downpours or dust storms. The robust enclosure provides superior water and dust resistance with an IP54 rating.

Drop tested for 4 meters (13 feet)



The rugged drive enclosure is enveloped in a silicone protective sleeve, and engineered to help protect your drive from accidental and unexpected shock, vibrations, and drops. It's Military MIL-STD-810G rated and test-proven to withstand drops of up to 4 meters (13 feet). It was drop tested using a solid-state drive in the enclosure.

Data protection inside and out





Inside layer of silicone
for drive stability

Protective silicone sleeve

Wherever you go, the rugged drive enclosure delivers reliable data protection, inside and out, with a tough-wearing exterior casing. The flexible shock-resistant silicone sleeve hugs the entire perimeter to provide an extra measure of protection, absorbing the impact of accidental bumps, rough baggage handling or drops. Inside, an extra layer of silicone provides added stability and security.

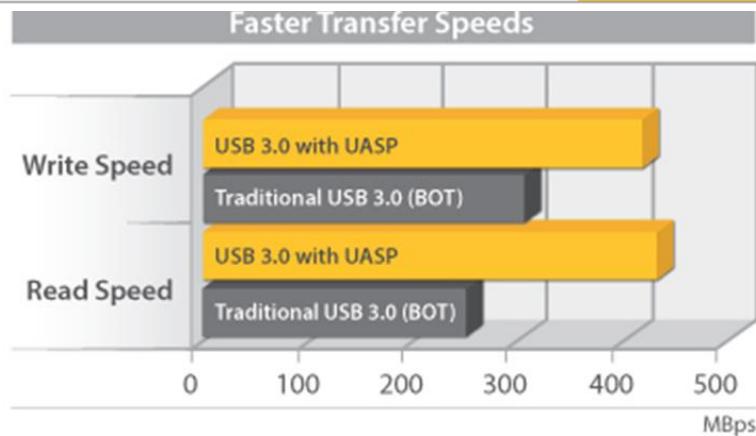
Install your drive with ease, with a tool-less design



It's easy to turn your 2.5in SATA III (6Gbps) solid-state drive or hard drive into external storage. Simply remove the silicone sleeve, open the latch to insert your 2.5" drive into the rugged enclosure, and plug the included USB cable into the computer or hub USB port. There are no screws or tools needed.

70% faster than traditional USB 3.0, with UASP

Save time in the field, by storing and transferring content quickly. Enhanced with UASP (USB Attached SCSI Protocol), this rugged drive enclosure performs with a 70% faster read speed and 40% faster write speed over conventional USB 3.0, when paired with a UASP-enabled host controller.



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 (6Gbps) solid state drive.

The S251BRU33 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Protect your data in harsh field conditions with this military-grade portable external storage solution - ideal for desktops, laptops or netbooks
- Create an external USB storage drive using your 2.5in SATA III (6Gbps) solid-state drive or hard drive.
- Add extra storage to any USB-enabled computer system
- Back up important data to an external storage device
- Share large files between computers quickly and securely without a network
- Repurpose your unused 2.5in SATA drive as a rugged external hard drive

Features

- Protect your data even in the toughest field conditions
- Military Rated (MIL-STD-810G) drive enclosure provides exceptional shock resistance
- Outstanding water and dust resistance with IP-54 rating
- No tools needed to install or replace the hard drive
- Fast performance with USB 3.0 w/UASP and SATA III (6 Gbps)
- Works even in extreme temperatures of -40° to 85°C (-40°F to 185°F)

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	ASMedia - ASM1153E
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Drive Size	2.5in
Industry Standards	MIL-STD-810G, Method 503.5 (Thermal Shock) MIL-STD-810G, Method 514.6 (Vibration) MIL-STD-810G, Method 516.6 (Shock) MIL-STD-810G, Method 507.5 (Humidity) MIL-STD-810G, Method 509.5 (Salt Spray) MIL-STD-810G, Method 510.5, Procedure I (Sand and Dust) MIL-STD-810G, Method 508.6 (Fungus)
Interface	USB 3.0
Number of 2.5 inch bays	1
Number of Drives	1
Supported Drive Height(s)	7mm
Supported Drive Height(s)	9.5mm
Hot Swap Capability	Yes
Max Drive Capacity	Tested up to 2TB at 7200 RPM
Maximum Data Transfer Rate	5 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	SATA III (6 Gbps)
UASP Support	Yes
Connector A	1 - SATA Data & Power Combo (7+15 pin) Female
Connector B	1 - USB 3.0 Micro-B (10 pin; SuperSpeed) Male
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB 3.0 Micro-B (10 pin; SuperSpeed) Female
Cable Length	4.1 in [103 mm]
Color	Black
Product Height	1.1 in [27 mm]
Product Length	5.7 in [145 mm]
Product Weight	7.1 oz [200 g]
Product Width	4.4 in [113 mm]

LED Indicators	1 - Diagnostic LED (Drive Power and Activity)
Power Source	USB-Powered
Humidity	20% ~ 95% RH
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Shipping (Package) Weight	28.2 oz [800 g]
Included in Package	1 - USB 3.0 rugged 2.5in enclosure
Included in Package	1 - USB 3.0 cable
Included in Package	1 - Foam pad for 7mm drives
Included in Package	1 - Instruction manual

Certifications, Reports and Compatibility

