

# USB 3.1 (10Gbps) External Hard Drive Enclosure - For 2.5" SATA SSD/HDD - Rugged

Product ID: S251BRU31C3



This USB 3.1 external hard drive enclosure offers a rugged, high-performance solution for accessing and backing up your important files, while protecting your drive in harsh environments. It comes with two cables, to support both USB-C and USB-A enabled laptops and tablets.

## Maximize the performance of your 2.5" SATA drives

The drive enclosure delivers USB 3.1 Gen 2 performance with data transfer speeds of up to 10Gbps, letting you leverage the high performance of the latest drives while alleviating bottlenecks in your data transfers. With support for SATA I, II, and III, and high-capacity drives, this USB-C enclosure is compatible with virtually any 2.5" SATA SSD or HDD.

## IP65 rated for water and dust resistance

Be prepared for the unexpected when you're out in the field, in outdoor or industrial environments. The rugged hard drive enclosure provides superior water and dust resistance with an IP65 rating, to keep your data safe and secure, even in sudden downpours or dust storms.

## **Military-rated protection**

The rugged enclosure is military rated (MIL-STD-810G) to protect your drive against environmental hazards such as drops, shock and vibration.

The tough-wearing exterior casing provides shock resistance, while the flexible silicone sleeve provides extra protection, absorbing the impact of bumps, rough baggage handling or drops. Inside, an extra layer of silicone provides drive stability.

The S251BRU31C3 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Protect your data with this military-grade portable external storage solution - ideal in rugged outdoor or industrial environments such as construction, agriculture, mining, forest, manufacturing
- Ideal for creative professionals who need to access important data and files while out working in the field
- Take advantage of laptops and tablets that feature ultra-fast USB 3.1 (10Gbps) connectivity
- Share large files between computers quickly and securely without a network
- Back up important data to an external storage device

### Features

- Keep your data safe in the toughest field conditions
- Provides portable external storage for 2.5" SATA SSDs/HDDs
- Get ultra-fast data transfer rates through USB 3.1 (10Gbps)
- IP65 rating, providing outstanding water and dust resistance
- Military Rated (MIL-STD-810G) drive enclosure provides exceptional shock resistance
- TRIM support
- SMART support
- 4Kn support
- Supports SATA I, II, and III (up to 6Gbps)
- Works in extreme temperatures of -40° to 85°C (-40°F to 185°F)
- Includes both USB-C to C and USB-C to A cables for wide port compatibility
- Plug-and-play functionality

<b>Hardware</b>	Warranty	2 Years	
	Bus Type	USB 3.1 Gen 2	
	Chipset ID	ASMedia - ASM235CM	
	Compatible Drive Types	SATA	
	Drive Installation	Fixed	
	Drive Size	2.5in	
	Fan(s)	No	
	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 3.1 Gen 2	
	Number of 2.5 inch bays	1	
	Number of Drives	1	
	Supported Drive Height(s)	7mm 9.5mm	
	<b>Performance</b>	4Kn Support	Yes
		Hot Swap Capability	No
Max Drive Capacity		Tested up to 2TB at 7200 RPM	
Maximum Data Transfer Rate		10 Gbps	
MTBF		48,000 hours	
S.M.A.R.T. Support		Yes	
TRIM Support		Yes	
Type and Rate		USB 3.1 Gen 2 - 10 Gbit/s SATA III (6 Gbps)	
UASP Support	Yes		
<b>Connector(s)</b>	Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle	
	Host Connectors	1 - USB Type-C (24 pin) USB 3.1 (10Gbps)	
	Other Interface(s)	1 - USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps) Female	
<b>Software</b>	OS Compatibility	OS independent; No software or drivers required	
<b>Indicators</b>	LED Indicators	1 - Diagnostic LED (Drive Power and Activity)	

<b>Power</b>	Power Source	USB-Powered
<b>Environmental</b>	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)
<b>Physical Characteristics</b>	Color	Black
	Enclosure Type	Plastic
	Max Drive Height	9.5 mm [0.4 in]
	Product Height	30 mm [1.2 in]
	Product Length	146 mm [5.7 in]
	Product Weight	304 g [10.7 oz]
	Product Width	112 mm [4.4 in]
<b>Packaging Information</b>	Shipping (Package) Weight	475 g [16.8 oz]
<b>What's in the Box</b>	Included in Package	1 - drive enclosure
		1 - USB-C to USB-C cable
		1 - USB-C to USB-A cable
		1 - foam drive pad
		1 - hex key
		1 - quick-install guide

Product appearance and specifications are subject to change without notice.