

USB 3.0 Universal 2.5in SATA III or IDE Hard Drive Enclosure with UASP - Portable External SSD / HDD

StarTech ID: UNI251BMU33



The UNI251BMU33 Universal 2.5in Drive Enclosure lets you turn a 2.5in SATA or IDE hard drive (HDD) or solid-state drive (SSD) into a portable USB 3.0 storage solution.

This versatile enclosure offers a simple solution for re-purposing 2.5in HDDs and SSDs that are no longer in use into convenient external storage. Since the enclosure supports either legacy IDE or SATA drives, you can rest assured that you'll have the correct option on-hand when it's time to swap another drive in, without having to worry about compatibility.

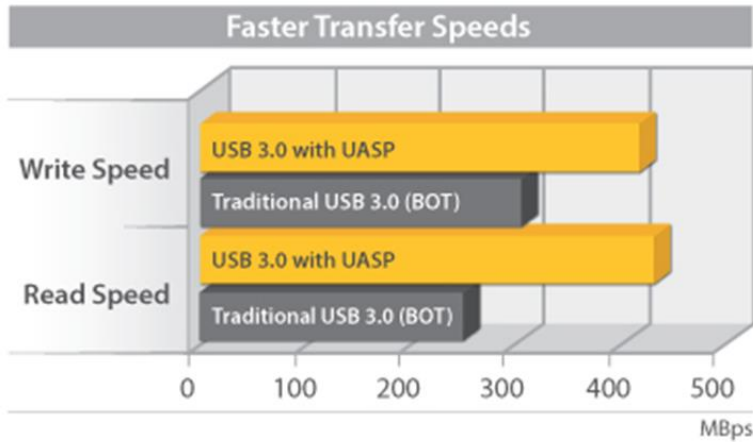
To get the most from your SATA III drives and ensure maximum performance and speed, the UNI251BMU33 is enhanced with UASP support. When paired with a UASP-enabled host controller, the enclosure delivers transfer speeds up to 70% faster than conventional USB 3.0. See our UASP testing results below for further details.

Perfect for carrying your external drive along with your laptop, the UNI251BMU33 is USB-powered, so you won't need to carry around an external power adapter. Plus, the enclosure features a small-footprint design, making it a great solution for on-the-go laptop and desktop users who want to add storage to their computer without taking up much space.

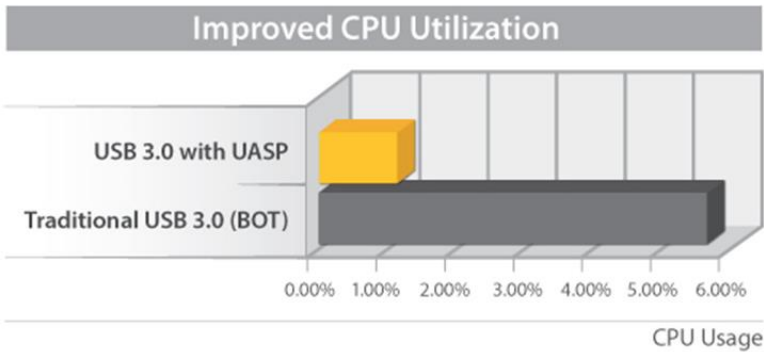
The UNI251BMU33 is backed by a StarTech.com 2-year warranty, and free lifetime technical support.

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.

Applications

- Turn an unused IDE (PATA) or SATA hard drive into additional external storage
- Access a variety of different drives
- Re-purpose an unused SATA or IDE drive as an external hard drive
- Externally expand the storage capacity of your portable laptop or Ultrabook™ computer

Features

- Broad drive compatibility with support for 2.5in IDE and SATA HDD / SSD
- Optimal performance with SATA III & UASP support
- Maximum portability with a small footprint and no external power adapter required
- Supports both IDE & SATA 2.5in form factor drives
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Compatible with PATA / IDE (66/100/133 Mbps) drives
- USB powered
- Compatible with USB 3.0/2.0/1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- Plug-and-play installation

Technical Specifications

| | |
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| Warranty | 2 Years |
| Bus Type | USB 3.0 |
| Chipset ID | JMicron - JMS330, JMB565 |
| Compatible Drive Types (Type and Rate) | SATA & IDE |
| Drive Installation | Fixed |
| Drive Size | 2.5in |
| Interface | USB 3.0 |
| Number of 2.5 inch bays | 1 |
| Number of Drives | 1 |
| Hot Swap Capability | No |
| Max Drive Capacity | Currently tested with up to 2TB 7200 RPM hard drives |
| Maximum Data Transfer Rate | 5 Gbps |
| Port Multiplier | No |
| RAID | No |
| Type and Rate | USB 3.0 - 5 Gbit/s |
| Type and Rate | SATA III (6 Gbps) |
| UASP Support | Yes |
| Drive Connectors | 1 - SATA Data & Power Combo (7+15 pin) Receptacle |
| Drive Connectors | 1 - IDE (44 Pin; EIDE/PATA; 2.5" HDD) Female |
| Host Connectors | 1 - USB 3.0 Micro-B (10 pin; SuperSpeed) Female |
| OS Compatibility | OS independent; No software or drivers required |
| LED Indicators | 1 - Drive Power / Activity |
| Power Source | USB-Powered |
| Humidity | 0% ~ 90% RH |
| Operating Temperature | 0°C to 60°C (32°F to 140°F) |
| Storage Temperature | -20°C to 70°C (-4°F to 158°F) |
| Color | Black |
| Enclosure Type | Aluminum |
| Max Drive Height | 0.4 in [9.5 mm] |
| Product Height | 0.7 in [17 mm] |
| Product Length | 4.9 in [125 mm] |
| Product Weight | 4.5 oz [128 g] |
| Product Width | 3.1 in [80 mm] |

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|---------------------------|--|
| Shipping (Package) Weight | 8.2 oz [232 g] |
| Included in Package | 1 - USB 3.0 SATA/IDE 2.5" Hard Drive Enclosure |
| Included in Package | 1 - USB 3.0 Y cable |
| Included in Package | 4 - Installation screws |
| Included in Package | 1 - Screw driver |
| Included in Package | 1 - Instruction manual |

Certifications, Reports and Compatibility

