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Spec Sheet

10-Port Industrial USB 3.0 Hub - ESD and Surge Protection

StarTech ID: ST1030USBM



This 10-port USB 3.0 hub gives you the scalability you need in harsh industrial environments. It's designed to meet the advanced requirements of connecting a high number of devices in factory and industrial settings.

With a metal housing, you can depend on this industrial hub even in tough operating conditions. And because it offers more ports than most USB 3.0 hubs, you can access more devices at once, so you can work more efficiently and save time.



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Connect more USB devices

Designed for a high volume of connections in industrial environments, this robust USB 3.0 hub offers ten connection ports, unlike most four or seven-port USB 3.0 (also known as USB 3.1 Gen 1) hubs.

With more ports you can connect more devices, such as USB-based control equipment, external storage, and more. Plus, you can avoid the aggravation of connecting and disconnecting devices when all ports are occupied.

The hub also supports USB Battery Charging Specification 1.2, delivering up to 1.5 amps power to each USB port, so you can charge your mobile devices faster than traditional USB ports allow.

Perfect for harsh industrial environments

This industrial USB hub delivers reliable performance with a metal, heavy-duty housing. And because it supports wide-range 7-24V DC terminal block input, you have the flexibility to power the hub as required, based on your own power input capabilities.

Perfect for factory environments, the rugged hub also supports an extended operating temperature range (0°C to 70°C) and offers surge and ESD protection to each USB port, which can help prevent damage to your connected devices.

Locate the hub where you need it most

With versatile installation options, you can install the hub where it’s best suited for your environment. You can securely mount the USB 3.0 hub to a surface, wall, or under a desk, and, it includes optional DIN rail mounts for use with equipment rack installations.

Works with your older USB devices

The industrial hub supports the full 5Gbps bandwidth of USB 3.0 and is also backward compatible with previous USB devices. You can connect your legacy USB 2.0 and 1.x peripherals alongside your newer USB 3.0 devices without any disruptions.

The ST1030USBM is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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Applications

- Install the hub in tough conditions that are subject to large temperature variances, or where there's a risk of physical damage
- Deploy on assembly lines where only terminal block power is available
- Connect a variety of USB devices such as industrial printers or cameras, plus fast-charge your smartphone and tablet

Features

- Provides maximum USB scalability, with ten USB 3.0 Type-A ports
- Protects your connected devices with 15kV ESD protection and 350-watt surge protection
- Offers flexible, wide-range 7-24V DC terminal block power input (standard AC power adapter not supported or included)
- Ideal for harsh industrial environments, with an extended operating temperature range
- Rugged, wall-mountable metal housing plus optional DIN rail mounts
- Supports USB Battery Charging Specification 1.2 and delivers 1.5 amps to each USB port
- Ten SuperSpeed USB 3.0 hub ports, with throughput support up to 5Gbps
- Supports multi transaction translators (Multi-TT) on each port for legacy USB devices
- Integrated, threaded screw-lock holes - prevent cables from becoming loose or disconnected in an industrial environment
- Backward compatible with USB 2.0 and 1.x devices

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Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	Genesys Logic - GL3520
Fast-Charge Port(s)	Yes
Industry Standards	USB Battery Charging Specification Rev. 1.2
Industry Standards	USB 3.0 - Backward compatible with USB 2.0/1.1
Interface	USB 3.0
Ports	10
USB-C Device Port(s)	No
USB-C Host Connection	No
Maximum Data Transfer Rate	5 Gbps
MTBF	119388 hours
Surge Protection	15kV ESD protection 350 W surge protection
Type and Rate	USB 3.0 - 5 Gbit/s
Connector Type(s)	10 - USB Type-A (9 pin) USB 3.0 Female
Connector Type(s)	1 - USB Type-B (9 pin) USB 3.0 Female
Connector Type(s)	1 - Terminal Block (2 Wire)
OS Compatibility	OS Independent; No additional drivers or software required
Note	If connected to a USB 2.0 host port, performance may be limited
Note	This product is intended for use with terminal block power only – Standard AC adapter not available
System and Cable Requirements	Host computer with an available USB 3.0 port
LED Indicators	1 - Power (Green)
Input Voltage	7 ~ 24 DC
Power Source	Terminal Block
Humidity	5%~95% RH (Non-condensing)
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Color	Black
Enclosure Type	Steel
Form Factor	Industrial

Product Height	1.2 in [31 mm]
Product Length	7.8 in [198 mm]
Product Weight	12.1 oz [343 g]
Product Width	2.2 in [56 mm]
Shipping (Package) Weight	20 oz [567 g]
Included in Package	1 - 10-port industrial USB 3.0 hub
Included in Package	1 - USB 3.0 host cable
Included in Package	1 - DIN rail mounting kit
Included in Package	1 - terminal block (2 wire)
Included in Package	1 - instruction manual

Certifications, Reports and Compatibility

RoHS Compliant Available