

4-Port USB3.0 Metal Hub with Screw Lock Mechanism

Installation Guide

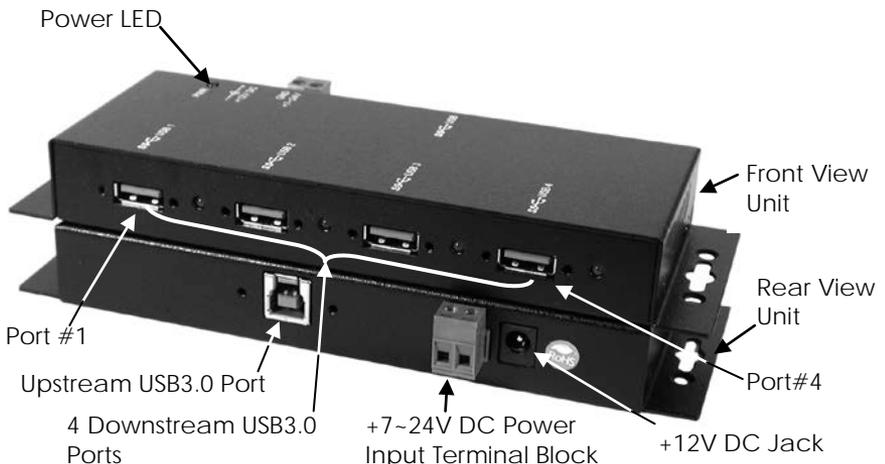
1. Introduction

Thank you for purchasing this high-speed 4-port USB3.0 hub. It provides an ideal solution to expand 4 USB3.0 ports from one single USB3.0 host port. It provides metal case with Screw Lock feature for upstream and downstream USB ports. It provides excellent reliability and performance for most of the applications.

Features:

- ✓ Compliant with USB3.0 Specification Revision 1.0
- ✓ Rigid and Wall-mountable Metal Case
- ✓ Provides 4 Downstream Facing Ports
- ✓ Supports Screw Lock Mechanism for Upstream and Downstream Connectors to Enhance Reliability
- ✓ Supports Super Speed, High-speed and or Full-speed Packet
- ✓ Supports 5Gbps, 480Mbps, 12Mbps and 1.5Mbps Speed
- ✓ Supports Self-powered and Bus-powered Mode
- ✓ Supports 900mA Bus Power for Each Downstream Ports

2. Connector Layout



- **Front Side Connection w/ Screw Lock USB Cable:**



Downstream USB3.0 Port w/
Screw Lock Cable

- **+12V DC Jack Power Connector:** A DC12V AC adapter is supplied with this product. The AC adapter's output has to be connected to here.
- **USB3.0 Upstream Connector (w/ Screw Lock):** Type-B connector from upstream USB3.0 port. It is connected from host or another USB3.0 hub. The connector is compatible with either non-Screw-Lock or Screw-Lock (optional) type cables.
- **USB3.0 Downstream Connectors (w/ Screw Lock):** There are 4 Type-A downstream USB3.0 connectors. They should be connected to the USB devices with non-Screw-Lock or Screw-Lock (optional) cables.

3. Hardware Installation

1. **Use static electricity discharge precautions.**
Remove possible static discharge potential from any objects that the hub may come in contact with before installation. This can be accomplished by touching a bare metal chassis rail after you have turned off the power.

2. **Attaching the AC power adapter.**
3. **Connecting USB Host cable:** The host cable is a standard A-to-B USB3.0 cable (or an optional Screw-Lock type cable). Please connect the type-A end connector of the cable to your upstream USB port, then connect the type-B end connector to this hub. Since the USB hub is plug-and-play, you don't have to turn off your host computer when installing the hub.



Note: In some cases, you will see an error message said that the USB Hub caused the USB bus power over the current limit, please ignore this message since the hub is hot plug and its power capacitor will cause a very short period of current. It will NOT affect your USB function.

4. **Connect the USB devices to the downstream ports of this hub. You can use either non-Screw-Lock or Screw-Lock type (optional) cables.**

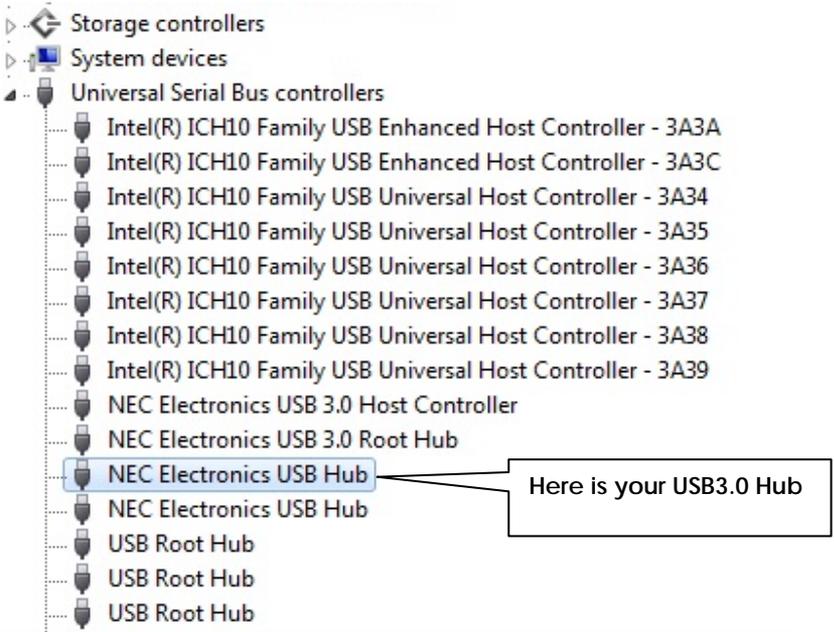
This hub supports both USB3.0 and USB2.0 devices. Since the USB3.0 connectors are capable of plugging in the standard USB2.0 or USB3.0 cable, it supports both devices directly.

5. **Mount your hub on the wall if required.**

4. Checking the Hub Installation

To check the USB hub installation in Windows Device Manager, please follow the following steps:

1. Click **Start**
2. Click **Control Panel**
3. Click **System**
4. Click **Device Manager** button
5. Double click **Universal Serial Bus Controller**
6. Double click **Generic USB Hub**, the message will show that this device is working properly.



5. Environmental Specifications

Operating temp.: 0 to 55°C (32 to 131°F)

Operating humidity: 5 to 95% RH

Dimensions (LxWxH): 7.03" (L)x2.43" (W)x0.92" (H)
(17.85 x 6.16 x 2.34 cm)