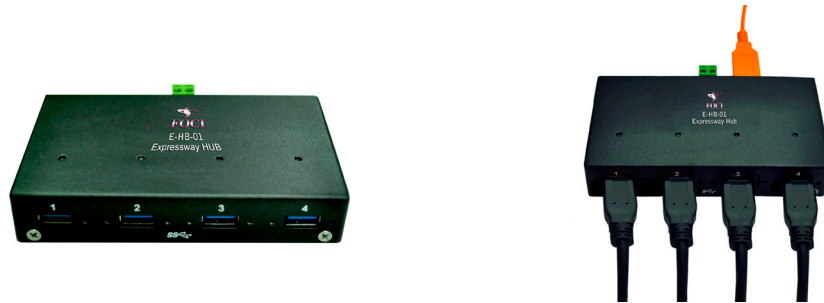


E-HB-01

USB 3.0 Transaction Hub

New-generation Hub that works with USB 3.0 AOC can leverage SuperSpeed Path



Description

FOCI E-HB-01 USB 3.0 Transaction Hub is a new-generation USB 3.0 hub integrated with transaction adaption technology. Compared with traditional USB 3.0 hubs, this product can convert the USB 2.0/1.1/1.0 devices connected on the downstream port to USB 3.0 devices, allowing these USB 2.0/1.1/1.0 devices to share the SuperSpeed upstream bandwidth. Based on transaction adaption technology, E-HB-01 can provide independent 480Mbps bandwidth on every downstream USB 2.0 port. In addition, using E-HB-01 with USB 3.0 Active Optical Cable can extend the transmission distance of USB 3.0/2.0/1.1/1.0 devices to more than 100 meters. E-HB-01 USB 3.0 Transaction Hub provides convenient method to extend available bandwidth for multiple USB 2.0 devices without extra cost. As USB 3.0 is compatible with USB 2.0 in device drivers, developers do not need to modify the driver and application. This product is transparent for end users.

Specification

- All ports are compatible with USB 3.0 standard
- All ports are compatible with USB 2.0 standard
- Upstream port supports USB 3.0 AOC and active power supply for USB 3.0 AOC
- Four downstream ports supports USB 3.0/ 2.0 devices/hubs
- Independent 480Mbps bandwidth on every downstream port
- Plug & Play support
- Single 5V power supply, self-power

Reference Application

