

Isolated USB 3.2 Gen2 4-Port Hub

Isolated USB 3.2 Gen2 4-Port Hub protects PC or Laptop while connecting USB peripherals which is wired to high voltage. This small, industrial grade isolator hub is very easy to use and provides a high-voltage barrier protection against surges, noise and ground loop errors. It is suitable for using in sensitive applications like automotive measurements.

Isolated USB 3.2 Gen2 4-Port Hub provides a high-voltage isolation barrier between computer and its connected USB devices. The isolation protects equipment from electrical over-voltages and transient voltage spikes, by eliminating ground loop currents flowing between the PC and USB devices which can cause damage and inaccurate measurements. Additionally, isolation minimizes conducted noise from static discharge, magnetic fields and radio frequency interference.

Features

- Isolation 2000VDC between USB host and USB devices.
- Supports USB 3.2 Gen2 data transfer rates up to 10 Gbps.
- Fully Compliant with USB specification 1.1, 2.0, 3.2 Gen1, 3.2 Gen2.
- Isolated host power through a DC-to-DC converter.
- Compatible with all USB-C and Thunderbolt 3 devices.
- Class 3A contact ESD performance per ANSI / ESD STM5.1-2007; Supports $\pm 15\text{kV}$ ESD protection on each port.
- High common-mode transient immunity $>50\text{ kV}/\mu\text{s}$.
- Auto-Negotiation of Link Speed.
- The USB 3.2 Gen2 Type-C ports comply with USB Battery Charging Spec 1.2; and enable to provide up to 1.5A (CDP mode) output current on each port.
- Compatible OS thru USB 2.0: Windows 98SE / ME / 2000 / XP / Vista / 7 / 8 / 8.1 / 10 / 11; Mac OS 8.6 or higher.
- Compatible OS thru USB 3.2 Gen1 and 3.2 Gen2: Windows 7 / 8 / 8.1 / 10 / 11; Mac OS X Mountain Lion or higher.

Specification

Model No.		USB3-GEN2iH	
Isolation	D+ & D-		2000VDC
	VCC		3000VDC
Transfer Rate			1.5M / 12M / 480M / 5G / 10Gbps
Connector	Host		USB 3.2 Gen2 Type-C Female
	Device	Type-C	USB 3.2 Gen2 Type-C Female x 2
		Type-A	USB 3.2 Gen2 Type-A Female x 2
Cable Length			1m
Environmental	Operating Temperature		0 ~ 40°C
	Storage Temperature		0 ~ 60°C
	Humidity		0-80% RH, Non-condensing
LED			5
Power Supply			5VDC 4A
Downstream Power	Type-C		Up to 1.5A on each port
	Type-A		Up to 500mA on each port
Housing			Aluminum
Dimension (L x W x H)			130 x 74 x 30 mm

