



PU-USB3-KIT

USB 3.2 data Extender Kit



The PU-USB3-KIT is a USB 3.2 Gen1 extender set designed to extend signal from one USB host to multiple USB devices for up to 100 metres (328 feet).

This transmitter enables the extension from the USB-C host to a local USB device and across CAT cabling to the USB devices on the receiver. The transmitter can be powered by a connected host device such as a computer or laptop, without the need for an external power adaptor. Type-A port can provide up to 5V/900mA (4.5W) power when unit is active.

The receiver enables users to extend up to 4 USB 3.2 devices remotely, such as flash drives, keyboards and USB cameras. With an adapter, USB-C port supports 5V/3A power and USB-A ports provides 5V/0.9A power to USB devices. The KIT also supports a hotkey for convenient firmware update (from the transmitter side for both TX and RX).

PANELS

Transmitter



Front View



Rear View

Receiver

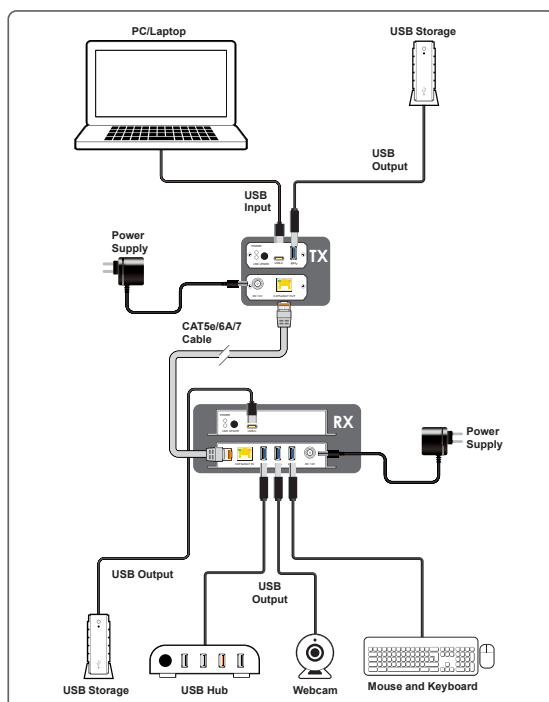


Front View



Rear View

DIAGRAM



FEATURES

- Support USB 3.2 Gen1 with 1 USB-C host port and 1 USB-A device port
- Support Point-to-Point transmission via CAT cabling
- Transmission up to 100 metres (328 feet)
- The transmitter can be powered by a connected host such as a computer or laptop
- The host can control multiple USB devices on transmitter side and receiver side
- Firmware update with hotkey from the transmitter, enabling remote firmware updates to the receiver
- Backward compatible with USB 2.0
- Receiver supports 4 USB 3.2 Gen1 device ports

SPECIFICATIONS

TX

Interfaces

Input Port	1×USB-C
Output Port	1×Cat5e/6A/7 (RJ45)
	1×USB-A

RX

Interfaces

Input Port	1×Cat5e/6A/7 (RJ45)
Output Port	1×USB-C
	3×USB-A

USB

USB Performance	3.2 Gen1, SuperSpeed 5Gbps
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Power

Power Supply	TX - 12V/1.25A: Powered by USB-C or Adapter (PSU not supplied, Order code: PSU-12V1.25A-L) RX - 12V/3A
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Power Consumption	TX - 8.34W (full load) RX - 39.173W (full load)
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Enclosure

Chassis Material	Metal (Aluminum)
Chassis Color	Black
Dimensions (W×H×D)	TX - 95mm×24.75mm×60mm [Case Only] TX - 103.5mm×24.75mm×60mm [All Inclusive] RX - 128mm×25mm×75mm [Case Only] RX - 128mm×25mm×83.5mm [All Inclusive]

Weight	TX - 155g, RX - 275g
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Field Firmware Update

PC update

ORDERING INFORMATION

Model No.	Product Description
PU-USB3-TX	USB3.2 over Category Cable Transmitter
PU-USB3-RX	USB3.2 over Category Cable Receiver