

4-Port USB 3.2 Gen1 (5 Gbps) Extender via CAT6a

XTENDEX®

Extend four USB 3.2 (3.0)/2.0/1.1 devices up to 328 feet

- Supports fully transparent USB connection.
- Compatible with USB computers (Windows 7/10/11, Linux, MAC OS 13/15/26).
- Extend up to 328 feet (100 meters) using HDBaseT-certified CAT6a F/FTP or U/FTP cable, up to 229 feet (70 meters) using standard CAT6a/7 F/FTP or U/FTP cable, or up to 150 feet (45 meters) using standard CAT6 U/UTP cable.
- Compliant with USB 3.2 Gen 1 (USB 3.0) specifications.
 - Backwards compatible with USB 2.0/1.1.
- Supports super-speed (5 Gbps), high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices (flash drives, external hard drives, portable monitors, 4K USB webcams, smartphones/tablets, interactive whiteboards, etc.).
- Supports bi-directional RS232 up to 19200 baud.
- FSYNC GPIO pass-through for industrial camera use.
- Mounting brackets included for easy surface/wall mounting.
- High quality, rugged steel construction with durable powder coat finish.



XTENDEX® USB3-C6A-4 (Remote & Local Unit)

The XTENDEX® 4-Port USB 3.2 Gen 1 (5 Gbps) Extender extends four USB devices up to 328 feet (100 meters) using HDBaseT-certified CAT6a cable or 229 feet (70 meters) using standard CAT6a/7 cable. Each extender consists of a local unit that connects to a computer, and a remote unit that connects to four USB devices. The local and remote units are interconnected via CAT6a/7 cable.

Specifications

Local

- One female USB 3.2 Gen 1 Type B connector.
- One female RJ45 port for sending/receiving USB and RS232 signals.
- 4-pin screw terminal for RS232 and FSYNC GPIO.
 - Supports bi-directional RS232 up to 19200 baud.
- Supports a USB computer (PC or MAC).
- Multiplatform support: Windows 7/10/11, Linux, MAC OS 13/15/26.

Remote Unit

- Four female USB 3.2 Gen 1 Type A connectors.
- Supports super-speed (5 Gbps), high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- One female RJ45 port for sending/receiving USB and RS232 signals.
- 4-pin screw terminal for RS232 and FSYNC GPIO.
 - Supports bi-directional RS232 up to 19200 baud.

Power

- Local unit: powered from attached computer.
- Remote unit:
 - Input: 100 to 240 VAC at 50 or 60 Hz via AC adapter. (Power brick and country-specific power supply cable included.)
 - Output: 12VDC, 3A
 - Three USB ports support 1A current each, and one port supports 1.5A current for connecting a high-power USB device.

Dimensions

- Local and remote unit WxDxH (in): 4.14x3.94x0.82 (105x100x21 mm)

Environmental

- Operating temperature: 32 to 113°F (0 to 45°C).
- Storage temperature: -4 to 158°F (-20 to 70°C).
- Operating/storage relative humidity: 10 to 90% non-condensing RH.

Regulatory Approvals

- CE, FCC, RoHS
- TAA compliant.

Warranty

- Two years

Cables

- 6-foot (1.83-meter) male USB 3.2 Type A to male USB Type B interface cable included.
- Use CAT6/6a/7 cable terminated with standard RJ45 connectors to extend the receiver from the transmitter.
 - Extend up to 328 feet (100 meters) using HDBaseT-certified CAT6a F/FTP or U/FTP cable.
 - Extend up to 229 feet (70 meters) using standard CAT6a/7 F/FTP or U/FTP cable.
 - Extend up to 150 feet (45 meters) using standard CAT6 U/UTP cable.

Configuration and Cable Illustration

