

USB 2.0 Extender over Cat6 100 Meters

480Mbps Plug-and-Play Extension to 328ft for Webcams, Printers & HID Devices — No Drivers Required

MPN: EXT-USB2100M



The KanexPro EXT-USB2100M extends USB 2.0 at 480Mbps up to 100 meters (328ft) over a single Cat5e/6 cable — delivering two USB-A ports at the remote end for webcams, touch screens, printers, HID devices, and USB hubs. Completely plug-and-play with no driver installation required, the EXT-USB2100M is the straightforward USB extension solution for AV integrators and IT managers who need reliable peripheral reach without 5Gbps overhead.

Designed for conference rooms, classrooms, digital signage, and healthcare environments, the EXT-USB2100M connects a USB-B transmitter to a compact dual-port receiver over existing Cat5e or Cat6 infrastructure. Backward compatible with USB 1.1, it works with the broadest range of USB peripherals and is backed by KanexPro's 3-year parts and labor warranty.

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|  USB 2.0 480Mbps High-Speed |  100m 328ft Cat5e/6 |  2-Port USB-A Receiver |  PoC Single Power Supply |  Plug & Play No Drivers Required |
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KEY FEATURES

- Ultra-slim 330ft (100m) USB 2.0 extender over a single Cat5e/6 cable
- Supports USB 2.0 protocol at transmission rates up to 480Mbps
- One USB-B input on Transmitter; two USB-A outputs on Receiver
- Power over Cable (PoC) — single 12V/1A adapter on either TX or RX end
- ESD protection: ±8kV Air-gap discharge, ±4kV Contact discharge
- Backward compatible with USB 1.1 devices
- Compact metal enclosure — 82×49×20mm, 100g per unit
- Backed by KanexPro 3-Year Parts and Labor Warranty

SPECIFICATIONS

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|--------------------------|---|
| USB Protocol | USB 2.0 |
| Transmission Rate | Up to 480Mbps |
| Distance | 100m / 328ft over Cat5e/6 |
| ESD Protection | ±8kV Air-gap, ±4kV Contact discharge |
| Transmitter | Input: 1× USB-B [Female] • Output: 1× RJ45 [Female] |
| Receiver | Input: 1× RJ45 [Female] • Output: 2× USB-A [Female] |
| Housing | Metal Enclosure • Black |
| Dimensions | TX / RX: 82mm (W) × 49mm (D) × 20mm (H) |
| Weight | TX / RX: 100g each |
| Power Supply | Input: AC 100–240V 50/60Hz • Output: DC 12V/1A |
| Power Consumption | TX: 1.3W • RX: 2.3W |
| Operating Temp | 0°C – 40°C / 32°F – 104°F |
| Storage Temp | -20°C – 60°C / -4°F – 140°F |
| Humidity | 20–90% RH (non-condensing) |

Package Contents

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|-----------|--|
| 1x | USB 2.0 Extender (Transmitter) |
| 1x | USB 2.0 Extender (Receiver) |
| 1x | USB Cable (USB-B Male to USB-A Male, 1m) |
| 1x | 12V/1A Locking Power Adapter |
| 1x | User Manual |



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