

## USB 2.0 Extender over Cat6 50 Meters

480Mbps Plug-and-Play Extension to 164ft for Webcams, Printers & HID Devices — No Drivers Required

MPN: EXT-USB250M



The KanexPro EXT-USB250M extends USB 2.0 at 480Mbps up to 50 meters (164ft) 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. The Transmitter draws power directly from the host USB-B port, while the Receiver uses a compact 5V/1A adapter. Completely plug-and-play with no driver installation required.

Designed for smaller conference rooms, classrooms, and digital signage environments where 164ft of USB reach is sufficient, the EXT-USB250M is the compact, cost-effective entry point in the KanexPro USB extender range. Backward compatible with USB 1.1 and backed by KanexPro's 3-year parts and labor warranty.

 <b>USB 2.0</b> 480Mbps High-Speed	 <b>50m</b> 164ft Cat5e/6	 <b>2-Port</b> USB-A Receiver	 <b>Bus Power</b> TX from Host No Adapter	 <b>Plug &amp; Play</b> No Drivers Required
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### KEY FEATURES

- Ultra-slim 165ft (50m) 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
- Transmitter is bus-powered from host USB-B port — no power adapter required at TX end
- Receiver powered by included 5V/1A adapter
- 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 — KanexPro 3-Year Warranty

### SPECIFICATIONS

<b>USB Protocol</b>	USB 2.0
<b>Transmission Rate</b>	Up to 480Mbps
<b>Transmission Distance</b>	50m / 164ft over Cat5e/6 • Note: up to 40m for some USB 2.0 hubs
<b>ESD Protection</b>	±8kV Air-gap discharge, ±4kV Contact discharge
<b>Transmitter</b>	Input: 1× USB-B [Female] • Output: 1× RJ45 [Female] • Power: bus-powered via USB-B
<b>Receiver</b>	Input: 1× RJ45 [Female] • Output: 2× USB-A [Female] • Power: DC 5V/1A
<b>Housing</b>	Metal Enclosure • Black
<b>Dimensions</b>	TX / RX: 82mm (W) × 49mm (D) × 20mm (H)
<b>Weight</b>	TX / RX: 100g each
<b>Power Supply</b>	TX: Bus-powered (USB-B) • RX: Input AC 100–240V 50/60Hz, Output DC 5V/1A
<b>Power Consumption</b>	TX: 0.7W • RX: 1W
<b>Operating Temp</b>	0°C – 40°C / 32°F – 104°F
<b>Storage Temp</b>	-20°C – 60°C / -4°F – 140°F
<b>Humidity</b>	20–90% RH (non-condensing)

### PACKAGE CONTENTS

<b>1×</b>	USB 2.0 Extender (Transmitter)
<b>1×</b>	USB 2.0 Extender (Receiver)
<b>1×</b>	USB Cable (USB-B Male to USB-A Male, 1m)
<b>1×</b>	5V/1A Power Adapter
<b>1×</b>	User Manual

