

USB 2.0 RG2301 Extender

1-port USB 2.0 100m CAT 5e/6/7 Extender System

Sold as unbranded or private label

The USB 2.0 RG2301 is a single-port USB 2.0 high-speed extension solution, enabling USB 2.0 connections at up to 480 Mbps over 100m/330ft of CAT 5e/6/7 cabling. It features full device and host support as well as Mass Storage Acceleration for improved USB 2.0 device bulk transfer speeds over previous generation extenders and the ExtremeUSB® suite of features.

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Local Extender

Remote Extender



Features

The RG2301 extends all USB 2.0 peripherals such as flash drives, keyboards, mice, speakers, webcams and interactive whiteboards across a dedicated CAT 5e/6/7 connection.

- USB 2.0 throughput up to 480 Mbps
- Supplies up to 1 Amp to USB port
- Operates with all USB controllers
- Mass Storage Acceleration
- FCC/CE Class B

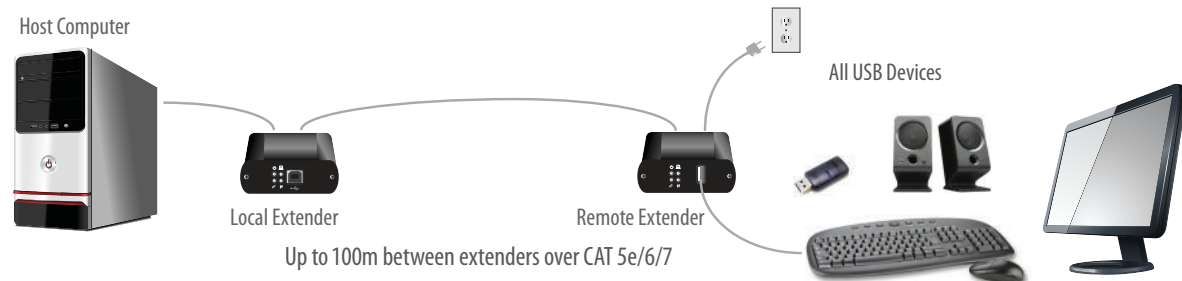
Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, OS X® and Linux®

Applications

- Remote storage
- Security and monitoring
- Professional Audio-Visual
- Keyboard and mouse

EXTREME-
USB®



Specifications subject to
change without notification.

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#90-01483-A02

USB 2.0 RG2301 Specifications

RANGE

Direct Connect: Up to 100m (330 ft) over solid core CAT 5e/6/7

USB DEVICE SUPPORT

Maximum USB 2.0 Throughput: Up to 480 Mbps
Maximum USB 1.1 Throughput: Up to 12 Mbps
Traffic Types: All USB 2.0 and 1.1 Traffic Types
Device Types: All USB 2.0 and 1.1 Device Types
Maximum Number: Up to 30 devices

LOCAL EXTENDER

USB Connector: 1 x USB Type B Receptacle
Link Connector: 1 x RJ45
Dimensions: 86.0mm x 75.0mm x 26.0mm (3.4" x 3.0" x 1.0")
Enclosure Material: Black Anodized Aluminum

REMOTE EXTENDER

USB Connector: 1 x USB Type A Receptacle
Link Connector: 1 x RJ45
Dimensions: 86.0mm x 75.0mm x 26.0mm (3.4" x 3.0" x 1.0")
Enclosure Material: Black Anodized Aluminum
Available Current: Up to 1 Amp to USB port
Power Supply: 100-240V AC Input, 5V 3A DC Output

ENVIRONMENTAL

Operating Temperature: 0°C to 50°C (32°F to 122°F)
Storage Temperature: -20°C to 70°C (-4°F to 158°F)
Operating Humidity: 20% to 80% relative humidity, non-condensing
Storage Humidity: 10% to 90% relative humidity, non-condensing

COMPLIANCE

EMC: FCC (Class B), CE (Class B)
Environmental: RoHS2 (CE)

SUPPORT

Warranty: 2-year



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Ordering Information

The USB 2.0 RG2301 system includes a local extender, remote extender, USB cable, Quick Start Guide, international power adapter with country specific power cord and 2-year warranty. For more information, email sales@icron.com or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00570	RG2301 - NA	1-Port USB 2.0 100m CAT 5e/6/7 Extender System, Unbranded Black, 100-240V Power Adapter, NA Plug
01-00571	RG2301 - EU	1-Port USB 2.0 100m CAT 5e/6/7 Extender System, Unbranded Black, 100-240V Power Adapter, EU Plug
01-00572	RG2301 - UK	1-Port USB 2.0 100m CAT 5e/6/7 Extender System, Unbranded Black, 100-240V Power Adapter, UK Plug
01-00573	RG2301 - AU	1-Port USB 2.0 100m CAT 5e/6/7 Extender System, Unbranded Black, 100-240V Power Adapter, AU Plug
01-00574	RG2301 - JP	1-Port USB 2.0 100m CAT 5e/6/7 Extender System, Unbranded Black, 100-240V Power Adapter, JP Plug