

icron

OEM Products

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**EXTREME
USB**

Specifications subject to
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Icron Technologies Corp.
#90-01100-A06

USB 2.0 RG2304GE-LAN Extender

4-port USB 2.0 Gigabit Ethernet LAN Extender System

Sold as unbranded or private label

The USB 2.0 RG2304GE-LAN provides the ability to connect all USB 2.0 device types to hosts across a Gigabit Ethernet Local Area Network using existing cabling.



Local Extender

Remote Extender

Features

The RG2304GE-LAN extends USB 2.0 peripherals such as flash drives, keyboards, mice, webcams, and interactive whiteboards across a Local Area Network (LAN) and supports modern USB 3.0 controllers. The RG2304GE-LAN includes support for isochronous devices (such as webcams).

- Extends USB through 1000Mbps LANs
- USB 2.0 throughput up to 480Mbps*
- Pre-paired networked configuration** for simple installation
- Supplies up to 600mA to each USB port concurrently

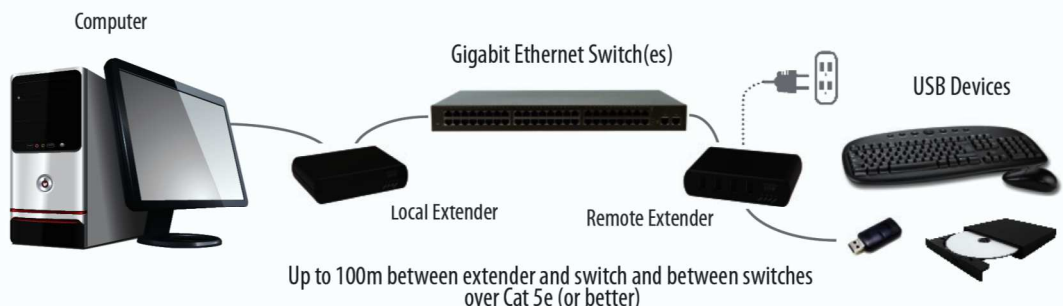
Includes the ExtremeUSB® suite of features:

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

Contact your account representative for OEM advanced features such as remote pairing control via Icron's SwitchableUSB™ protocols, Device Class Filtering, Hot Keys, Vendor Lock and Simultaneous User Interaction.

Applications

- Remote storage
- Security and monitoring
- Video matrix systems
- Keyboard and mouse



* Maximum throughput will vary based on network traffic, distances and number of switches between extenders.

** Pre-paired network configuration only applies to units purchased together as a complete Local and Remote Extender system.

USB 2.0 RG2304GE-LAN Specifications



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RANGE

Direct Connect:	Up to 100m (330 ft) over solid core Cat 5e or better
Network Connect:	Up to 100m (330 ft) between switches over solid core Cat 5e

USB DEVICE SUPPORT

Network and Direct Connect:	Up to 480Mbps*
Traffic Types:	All USB 2.0 Traffic Types
Device Types:	All USB 2.0 Device Types
Maximum Number:	Up to 31 devices

NETWORKING

Standards:	1000BASE-T*
Data Traffic:	Layer 2
Control Traffic:	Layer 3, customizable as unicast or broadcast

LOCAL EXTENDER

USB Connector:	1 x USB Type B Receptacle
Link Connector:	1 x RJ45
Dimensions:	100mm x 76mm x 26mm (3.9" x 3.0" x 1.0")
Enclosure Material:	Black Anodized Aluminum

REMOTE EXTENDER

USB Connectors:	4 x USB Type A Receptacles
Link Connector:	1 x RJ45
Dimensions:	100mm x 76mm x 26mm (3.9" x 3.0" x 1.0")
Enclosure Material:	Black Anodized Aluminum
Available Current:	Up to 600mA to each USB port
Power Supply:	100-240V AC input, 1A 24V DC Output

ENVIRONMENTAL

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-10°C to 60°C (14°F to 140°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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* Maximum speed is heavily dependant on network configuration, bandwidth and performance. 1000Base-T is highly recommended for best performance.

Ordering Information

The RG2304GE-LAN system includes a local extender, remote extender, USB cable, Quick Start Guide, one international power adapter with country specific power cord and two-year warranty. For more information email sales@icron.com or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00453	USB 2.0 RG2304GE-LAN - NA	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, NA Plug
01-00454	USB 2.0 RG2304GE-LAN - EU	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, EU Plug
01-00455	USB 2.0 RG2304GE-LAN - UK	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, UK Plug
01-00456	USB 2.0 RG2304GE-LAN - AU	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, AU Plug