



# USB 1.1 Rover<sup>®</sup> 1850

## 1-Port USB 1.1 85m\* CAT 5e/6/7 Extender System

The USB 1.1 Rover 1850 extends USB 1.1 connections beyond the desktop up to 85\* meters.

LEX (Local Extender)



Actual cable length  
45.7cm (18")

REX (Remote Extender)



Actual cable length  
15.2cm ( 6")



Now Part of Maxim Integrated

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## Features

The Rover 1850 uses technology ideal for extending USB peripherals including: keyboards, mice, interactive white boards, and game controllers and does not require external power adapters. Key features include:

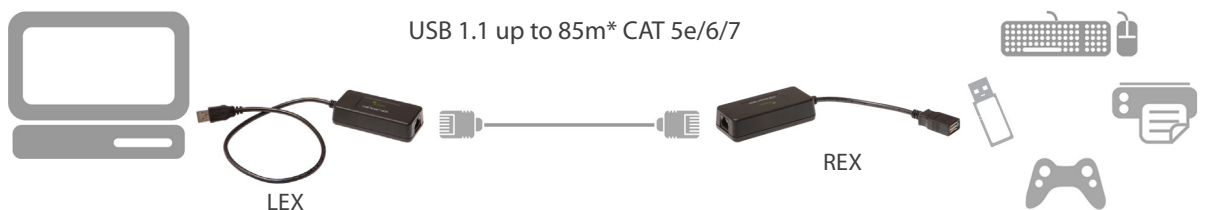
- Remote extender supplies up to 400mA\*\* to USB devices
- Supports both full-speed (12Mbps) and low-speed (1.5Mbps) throughputs
- Reliable operation with all USB 2.0 and 1.1 devices, including hubs
- Robust ESD and EFT immunity for industrial environments
- 3-year warranty

Includes the ExtremeUSB<sup>®</sup> suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows<sup>®</sup>, macOS<sup>™</sup>, Linux<sup>®</sup> and Chrome OS<sup>™</sup>

## Applications

- Interactive white board
- Keyboard and mouse
- Sensor/data acquisition
- Industrial control



\* Up to 40m for all USB devices; 85m is achievable for most low powered HID USB devices.

\*\* 400mA when LEX is supplied with 700mA

←EXTREME→  
USB<sup>®</sup>

Specifications subject to  
change without notification.  
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#90-00874-A05

# USB 1.1 Rover® 1850 Specifications



## RANGE

Full-Speed and Low-Speed:	Up to 40m (131 ft)
Low-Speed:	Up to 85m (279 ft)*

## LEX (LOCAL EXTENDER)

USB Connector:	1 x USB Type A Plug
Pig Tail Length:	45.7cm (18")
Link Connector:	1 x RJ45
Dimensions:	85mm x 40mm x 22mm (3.34" x 1.57" x 0.87")
Enclosure Material:	Black ABS

## REX (REMOTE EXTENDER)

USB Connector:	1 x USB Type A Receptacle
Pig Tail Length:	15.2cm (6")
Link Connector:	1 x RJ45
Maximum Current Available:	400mA when LEX is supplied with 700mA
Dimensions:	85mm x 40mm x 22mm (3.34" x 1.57" x 0.87")
Enclosure Material:	Black ABS

## ENVIRONMENTAL

Operating Temperature:	0°C to 50°C (32°F to 122°F)
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## COMPLIANCE

Emissions:	FCC (Class A), CE (Class A)
Immunity:	CE Criteria A
Environmental:	RoHS2 (CE)
Safety:	CPSIA, Flammability V-1

## SUPPORT

Warranty:	3 years
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\* device and host dependant



## Ordering Information

The USB 1.1 Rover® 1850 system includes a LEX, REX, Quick Start Guide and two-year warranty.

For more information, email [lcronSales@MaximIntegrated.com](mailto:lcronSales@MaximIntegrated.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00301	USB 1.1 Rover® 1850	1-Port 85m CAT 5e/6/7 bus-powered USB Extender System