



USB Rover[®] 2850

2-port USB 1.1 85m* CAT 5e/6/7 Extender System

The USB 1.1 Rover 2850 extends USB 1.1 connections beyond the desktop up to 85* meters.



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LEX (Local Extender)



REX (Remote Extender)

Features

The Rover 2850 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:

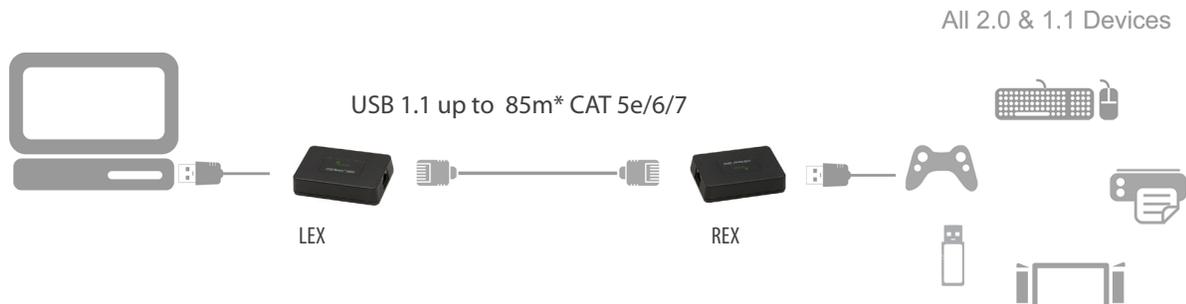
- Remote extender supplies up to 400mA** to USB devices
- Supports both full-speed (12Mbps) and low-speed (1.5Mbps) throughputs
- Reliable operation with all USB 2.0 and 1.1 devices, including hubs
- Robust ESD and EFT immunity for industrial environments
- 3-year warranty

Includes the ExtremeUSB[®] suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Supports all major operating systems: Windows[®], macOS[™], Linux[®], and Chrome OS[™]

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 800mA

←EXTREME→
USB[®]

Specifications subject to
change without notice.
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Now Part of Maxim Integrated
#90-00933-A05

USB 1.1 Rover® 2850 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 B Receptacle
Link Connector:	1 x RJ45
Dimensions:	85mm x 55mm x 22mm (3.34" x 2.17" x 0.87")
Enclosure Material:	Black ABS

REX (REMOTE EXTENDER)

USB Connector:	2 x USB Type A Receptacles
Link Connector:	1 x RJ45
Dimensions:	85mm x 55mm x 22mm (3.34" x 2.17" x 0.87")
Enclosure Material:	Black ABS
Maximum Current Available:	400mA shared between USB ports when LEX is supplied with 800mA

ENVIRONMENTAL

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

Emissions:	FCC (Class B), CE (Class B)
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® 2850 system includes a LEX, REX, USB Cable, Quick Start Guide and three-year warranty. For more information, email lcronSales@MaximIntegrated.com or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00312	USB 1.1 Rover® 2850	2-Port 85m CAT 5e/6/7 bus-powered USB Extender System