UC4852

2-Port USB to RS-485/422 Hub

The ATEN USB-to-Serial RS-422/485 Hub provides an external plug-and-play RS-422 / RS-485 serial connection for computers, notebooks, laptops, and handheld computing devices that support the USB specification. It provides a quick, simple, and cost-effective solution and is ideal for various communication and automation applications.

ATEN provides 4 models in this series: 2/4-Port USB-to-Serial RS-422/485 Hub; 2/4-Port USB-to-Serial RS-232 Hub

Features

- Easy way to add 2 RS-422/RS-485 serial ports
- Fully compliant with USB 1.1; USB 2.0 compatible
- Supports RS-422/RS-485 serial interface
- Supports RS-422 or RS-485 signal on individual ports
- Supports automatic handshake mode
- Up to 115.2 Kbps data transfer rate for each serial port
- Dual data buffers for each upstream and downstream data transfer
- No IRQ, DMA, I/O address resources required
- Supports hot-swapping and plug-and-play
- Built-in 16KV ESD protection
- Supports both bus power and external power
- Works with cellular phones, PDAs, digital cameras, modems and ISDN terminal adapters
- OS support - Windows

Specifications

Device Connections	2
Connectors	
USB Port	1 x USB Type B Female (White)
Power	1 x DC Jack
Serial	2 x DB-9 Male (Black)
LEDs	
Ports	2 (Green)
Power	1 (Orange)
Data Rate	115.2 Kbps (max.)
USB Specification	USB 1.1 Compliant; USB 2.0 Compatible
Power Mode	Bus Powered; use of Power Adapter is optional
Power Consumption	DC5V:0.22W:1BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0–50˚C
Storage Temperature	-20–60˚C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.30 kg (0.66 lb)
Dimensions (L x W x H)	12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram


Notebook
to USB Port
UC4852 (Front)
PORT 2
PORT 1
UC4852 (Rear)
to Serial Port
POS
Barcode Scanner