



Product Description

Introducing the new USBC-H-422/485-M PRO and -ISO PRO series adapters from Connective Peripherals. The PRO series edition adapters are a great way to connect serial devices to your computer, they are extremely flexible and allow the user to configure the serial interface mode selection and the operating settings entirely via a software utility tool instead of using DIP switches and jumpers. USB High Speed interface based, the new adapters offer up to a x10 improvement in transfer rates, decreasing the chance of buffer overflow at higher baud rates and reduces latency time for improved COM port performance. Drivers are easily installed and supported on a wide range of operating systems including Microsoft Windows, macOS, Linux and Windows CE.



Features

- Configurable RS422 or RS485 mode selection
- Based on the industry standard FTDI USB-Serial chipsets (USB High Speed FT232H)
- Optical Isolated version available
- Reversible USB type C connector
- Up to 3Mbps data rates
- RS-485 data signals: A (Data+), B (Data-), GND
RS-422 data signals: TXD-, TXD+, RXD+, RXD-, GND, RTS#-, RTS#+, CTS#+, CTS#-
- +5VDC output at 250mA available (via terminal block)
- Configurable settings based on the communication standard required:
 - (i) Termination (120 Ω)
 - (ii) Slew Rate (for enhanced distance and EMI emissions)
 - (iii) Echo (only available for RS485 interface mode)
 - (iv) Extra-Fail-Safe mode (EFS, by enabling the bias resistors)
- Settings, as well as data transmission traffic, are visually confirmed by LED indication.

Applications

- Connecting legacy serial devices to a USB port on your PC
- Industrial control networks where the controlling computer and serial device may have differences in ground potential
- Environmental monitoring and sensor data logging where long cables are run outdoors
- Industrial automation and PLC programming
- To connect a serial device for power cycling large electrical equipment