

Item no.: 387970

UPOINT 1650I-8-G2-T - USB to 8-port RS-232/422/485 converter with 2 kV insulation protection

from **1.032,27 EUR**

Item no.: 387970
shipping weight: 0.70 kg
Manufacturer: MOXA



Product Description

Moxa's UPoint USB-to-serial converters provide computers with high-performance, industrial-grade connections for up to 16 serial devices over a single USB port. A wide range of converters are available with features such as SuperSpeed USB 3.2 and Hi-Speed USB 2.0, advanced UARTs for high serial performance, COM port mapping, fixed-base COM functionality and more.

USB to 8 port RS-232/422/485 converter with 2 kV isolation protection. -40 to 75°C operating temperature

USB interface

USB standards- USB 3.2 Gen 1- USB 1.1/2.0 compliant

speed- 5 Gbps, 480 Mbps, 12 Mbps

quantity. USB ports- 1 x UFP for all models and 3 additional DFP for UPoint 1650-8-G2 hub

USB port- USB type B (UFP) for all models and type A (DFP) for UPoint 1650-8-G2 hub

Serial portPort- DB9 connector

Number of ports- 8

Serial standards- RS-232: UPoint 1610-8-G2- RS-232/422/485: All other models

FIFO- 512 bytes

Baud rate- 50 bps to 921.6 kbps (supports non-standardised baud rates)

Parity- None, Even, Odd, Space, Mark

Data bits- 5, 6, 7, 8

Stop bits- 1, 1.5, 2

Flow Control- RTS/CTS, XON/XOFF

RS-485 Data Direction Control- Automatic Data Direction Control (ADDC)

Pull High/Low Resistor for RS-485- 1 kilo-ohm, 150 kilo-ohms

Terminator for RS-485- 120 ohms

Surge- 0.5 kV

Isolation- 2 kV (1 models)

Serial signals

RS-232- TxD, RxD, RTS, CTS, DTR, DSR, DCD, GNDRS-422- Tx+, Tx-, Rx+, Rx-, GNDRS-485-4w- Tx+, Tx-, Rx+, Rx-, GNDRS-485-2w- Data+, Data-, GND

Serial software functions

Windows driver- Windows 11, 10, 8.1, 8 and 7- Windows Server 2022, 2019, 2016, 2012 R2, 2012 and 2008 R2

Linux driver- Kernel 6.x, 5.x and 4.x

Mac driver- macOS version (Intel 64): 13, 12, 11 and 10.1

Virtual machine- VMware Fusion (Windows on macOS 13, 12, 11, 10.1x, Intel 64) VMWare ESXi (Linux Kernel 4)- Parallels Desktop (Windows on macOS 13, 12, 11, 10.1x, Intel 64)

Arm®-based platform support- Linux Kernel 6.x, 5.x and 4.x

Android 3.1.x and higher

Performance parameters

Input voltage- 12 to 48 VDC via external power supply

Input current- 530 mA @ 12 VDC

Physical characteristics

Housing- metal

Dimensions- 216 x 41.5 x 121.6 mm (8.50 x 1.63 x 4.79 in)

Weight- 678 g (1.49 lb)

IP protection class- IP20

Ambient conditions

Operating temperature- -40 to 75°C (-40 to 167°F)

Storage temperature- -40 to 75°C (-40 to 167°F)

Relative humidity- 5 to 95% (non-condensing)

Standards and certifications

EMC- EN 55032/35

EMI- CISPR 32, FCC Part 15B Class A

EMS- IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m- IEC 61000-4-4 EFT: Power: 1 kV- IEC 61000-4-5 Surge: Power: 1 kV, Signal: 0.5 kV- IEC 61000-4-6 CS: 3 V; 150 kHz to 80 MHz- IEC 61000-4-8 PFM

Safety- IEC 62368-1- EN 62368-1- UL 62368-1 (CB)- KC

Vibration- IEC 60068-2-6- IEC 60068-2-64

Shock- IEC 60068-2-27

Free fall- IEC 60068-2-31

Declaration

Environmentally friendly product- RoHS, CrRoHS, WEEE

MTBF Standards- Telcordia Standard SR332, Telcordia Edition 2

Time- 782.795 hours

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

