

Item no.: 387970

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

from **992,43 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 port
 Port- 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- Tx+, Tx-, Rx+, Rx-, GND
 RS-422- Tx+, Tx-, Rx+, Rx-, GND
 RS-485- 4w- Tx+, Tx-, Rx+, Rx-, GND
 RS-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

