

Item no.: 387968

UPORT 1650-8-G2-T - USB to 8-port RS-232/422/485 converter, -40 to 75°C operating temperature

from **579,69 EUR**

Item no.: 387968
shipping weight: 0.70 kg
Manufacturer: MOXA



Product Description

Moxa's UPort 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 that include SuperSpeed USB 3.2 and Hi-Speed USB 2.0, advanced UARTs for high-end serial performance, COM port mapping, fixed-base COM functionality, and more.

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USB Interface
USB Standards- USB 3.2 Gen 1- USB 1.1/2.0 compliant
Speed- 5 Gbps, 480 Mbps, 12 Mbps
No. of USB Ports- 1 x UFP for all models, and 3 additional DFP for UPort 1650-8-G2-Hub
USB Connector- USB type B (UFP) for all models, and type A (DFP) for UPort 1650-8-G2-Hub
Serial Interface Connector- DB9 male
No. of Ports- 8
Serial Standards- RS-232: UPort 1610-8-G2- RS-232/422/485: All other models
FIFO- 512 bytes
Baudrate- 50 bps to 921.6 kbps (supports non-standard baudrates)
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 Features
Windows Drivers- Windows 11, 10, 8.1, 8, and 7
Windows Server 2022, 2019, 2016, 2012 R2, 2012 and 2008 R2
Linux Drivers- Kernel 6.x, 5.x and 4.x
Mac Drivers- 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 API- Android 3.1.x and later
Power Parameters
Input Voltage- 5 VDC by USB bus power or 12 to 48 VDC by external power adaptor
Input Current- 466 mA @ USB 2.0, 652 mA & USB 3.2, 350 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- 670 g (1.48 lb)
IP Rating- IP20
Environmental Limits
Operating Temperature- -40 to 75°C (-40 to 167°F)
Storage Temperature- -40 to 75°C (-40 to 167°F)
Ambient 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
PFMF
Safety- IEC 62368-1- EN 62368-1- UL 62368-1 (CB)- KCV
Vibration- IEC 60068-2-6- IEC 60068-2-64
Shock- IEC 60068-2-27
Freefall- IEC 60068-2-31
Declaration
Green Product- RoHS, CrRoHS, WEEE
MTBF Standards- Telcordia Standard SR332, Telcordia Issue 2
Time- 951,145 hrs

Specifications

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

