

Item no.: 387966

## UPORT 1650-8-G2 - USB to 8-port RS-232/422/485 converter, 0 to 60C operating temperature

from **457,09 EUR**

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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 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, 0 to 60°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  
Qty. USB ports- 1 x UFP for all models and 3 additional DFP for UPort 1650-8-G2 hub  
USB port- USB type B (UFP) for all models and type A (DFP) for UPort 1650-8-G2 hub  
Serial port  
Port- DB9 connector  
Number of ports- 8  
Serial standards- RS-232: UPort 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 (I models)  
Serial signals  
RS-232- Tx, Rx, RTS, CTS, DTR, DSR, DCD, 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  
x  
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 higher  
Performance parameters  
Input voltage- 5 VDC via USB bus or 12 to 48 VDC via external power supply  
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 conditions  
Operating temperature- 0 to 60°C (32 to 140°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, CRoHS, WEEE  
MTBF Standards- Telcordia Standard SR332, Telcordia Edition 2  
Time- 951.145 hours

### Specifications

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

