

Item no.: 387969

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

from **795,84 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 with 2 kV isolation protection, 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 quantity. 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 (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 10.1x 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- 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 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 PFMF 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

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All details, up-to-date  
prices and availability

