

Item no.: 385390

## NPORT 5250AI-M12-CT - 2-port RS-232/422/485 device server, 1 10/100BaseT(X) port with M12 connector, M12

from **1.016,23 EUR**

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shipping weight: 0.70 kg  
Manufacturer: MOXA



### Product Description

The industrial device servers offer enhanced surge protection and are certified for use in hazardous areas such as railway vehicles and stations. In addition, all devices are designed to ensure a reliable serial-to-Ethernet connection for operation in harsh environments such as the oil and gas industry and energy automation.

**2-Port RS-232/422/485 Device Server, 1 10/100BaseT(X) port with M12 connector, M12 power input, -25 to 55°C operating temperature, conformal coating**

**Ethernet Interface-10/100BaseT(X) ports (M12 D-coded 4-pin female connector)**

**1 Ethernet Software Features-Configuration Options** Web Console (HTTP/HTTPS), Windows Utility, Device Search Utility (DSU), MCC Tool, Telnet Console-Management ARP, BOOTP, DHCP Client, DNS, HTTP, HTTPS, ICMP, IPv4, LLDP, SMTP, SNMPv1/v2c, TCP/IP, Telnet, UDP-Filter IGMP v1/v2-Windows Real COM Drivers

**Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10/11 (x86/x64), Windows 2008 R2/2012/2012 R2/2016/2019 (x64), Windows Server 2022, Windows Embedded CE 5.0/6.0, Windows XP Embedded-Linux Real TTY Drivers** Kernel versions: 2.4.x, 2.6.x, 3.x, 4.x, and 5.x-Fixed TTY Drivers

**SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS X, macOS 10.12, macOS 10.13, macOS 10.14, macOS 10.15-Android API** Android 3.1.x and later

**Security Functions-Authentication** Local database-Encryption HTTPS, AES-128, RSA-1024, SHA-1, SHA-256-Security Protocols

**SNMPv3 HTTPS (TLS 1.2) Serial Interface-Connector** DB9 male-No. of Ports 2-Serial Standards RS-232, RS-422, RS-485-Baudrate

**Supports standard baudrates (unit=bps): 50, 75, 110, 134, 150, 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 230.4k, 460.8k, 921.6k-Data Bits 5, 6, 7, 8-Stop Bits 1, 1.5, 2-Parity None, Even, Odd, Space, Mark-Flow Control** RTS/CTS (RS-232 only), DTR/DSR (RS-232 only), XON/XOFF-RS-485 Data Direction Control

**ADDC (automatic data direction control)-Isolation 2 kV** Serial Signals-RS-232 Tx/D, Rx/D, 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

**Power Parameters-Input Current 360 mA @ 12 VDC-Input Voltage 12 to 48 VDC-Note** Compliant with EN 50155 on 24/48 VDC-Power Connector M12 A-coded 5-pin male connector

**Reliability-Automatic Reboot Trigger** Built-in WDT-Alert Tools Built-in buzzer and RTC (real-time clock)

**Physical Characteristics-Dimensions 80 x 216.6 x 52.9 mm (3.15 x 8.53 x 2.08 in)-Weight 686 g (1.51 lb)-Protection** PCB conformal coating

**Environmental Limits-Operating Temperature -25 to 55°C (-13 to 131°F)-Storage Temperature (package included) -40 to 85°C (-40 to 185°F)-Ambient** Relative Humidity 5 to 95% (non-condensing)

**Standards and Certifications-EMC EN 55032/35-EMI CISPR 32, FCC Part 15B Class A-EMSIEC 61000-4-2 ESD: Contact 6 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kVIEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 2 kVIEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/mIEC 61000-4-8 PFMF-Railway EN 50121-4-Safety UL 60950-1-Vibration IEC 60068-2-6Declaration-Green Product** RoHS, CRoHS, WEEEEMTB

**F-Time 639,622 hrs-Standards** Telcordia (Bellcore) Standard TR/SR

### Specifications

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

