

Item no.: 385409

NPORT IA-5250 - 2-port RS-232/422/485 device server with 2 10/100BaseT(X) ports (RJ45 connections)

from **295,84 EUR**

Item no.: 385409
shipping weight: 0.40 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 reliable serial-to-Ethernet connectivity when operating in harsh environments such as the oil and gas industry and energy automation.

2-Port RS-232/422/485 device server with 2 10/100BaseT(X) ports (RJ45 connectors, single IP), 0 to 55°C operating temperature

Ethernet interface 10/100BaseT(X) ports (RJ45 connector)- 2 (1 IP, Ethernet cascade)

Magnetic isolation protection- 1.5 kV (built-in)

Fibre optics

Ethernet software functions

Configuration options- Web console (HTTP)- Windows utility- Telnet console

Serial console

Serial console

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Serial console

Management- DHCP client- IPv4- SMTP- SNMPv1- Telnet- ARP- BOOTP- DNS- HTTP- TCP/IP- UDP- ICMP- Rtelnet

Windows Real COM Drivers- Windows 11, 10, 8.1, 8, 7, Vista, XP, ME, 98 and 95- Windows Server 2022, 2019, 2016, 2012 R2, 2012, 2008 R2, 2008, 2003, 2000 and NT- Windows Embedded CE 5.0 and 6.0, Windows XP Embedded

Linux Real TTY Drivers- Kernel versions: 6.x, 5.x, 4.x, 3.x, 2.6.x and 2.4.x

Fixed TTY Drivers- macOS versions: 14, 13, 12, 11 and 10.1x- SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS X

Arm@-based platform support- Windows 11- Linux Kernel 6.x, 5.x and 4.x- macOS 14, 13, 12 and 11

Virtual machine- VMWare ESXi (Windows 11/10)- VMware Fusion (Windows on macOS 14, 13, 12, 11 and 10.1x)- Parallels Desktop (Windows on macOS 14, 13, 12, 11 and 10.1x)

Android API- Android 3.1.x and higher

Time management- Sntp- RFC1213, RFC1317

Security functions

Authentication- Local database (password only)

Serial interface

Connection- 2 x DB9 connectors

Number of ports- 2

Serial standards- RS-232- RS-422- RS-485

Baud rate- Supports standard baud rates (unit=bps): 110, 134, 150, 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 230400

Data bits- 5, 6, 7, 8

Parity- None, Even, Odd, Space, Mark

Stop bits- 1, 1.5, 2

Flow control- RTS/CTS (RS-232 only)- DTR/DSR (RS-232 only)- XON/XOFF

Terminating resistor for RS-485- 120 Ohm

Pull high/low resistor for RS-485- 1 Kilo-Ohm, 150 kiloohms

RS-485 data direction control- ADDC (automatic data direction control)

Serial signals

RS-232- TxD, RxD, RTS, CTS, DTR, DSR, DCD, GNDRS-422- Tx+, Tx-, Rx+, Rx-, GNDRS-485-4w- Tx+, Tx-, Rx+, Rx-, GNDRS-485-2w- Data+, Data-, GND

Performance parameters

Input voltage- 12 to 48 VDC

Input current- 435 mA @ 12 VDC

Number of current inputs- 2

Power connection- Terminal block

Relay

Contact current- Resistance load: 1 A @ 30 VDC

Physical properties

Housing- Plastic

Protection class- IP30

Dimensions- 29 x 89.2 x 118.5 mm (0.82 x 3.51 x 4.57 in)

Weight- 380 g (0.84 lb)

84 lb)

Installation- DIN rail mounting

Ambient conditions

Operating temperature- 0 to 60°C (32 to 140°F)

Storage temperature (including packaging)- -40 to 85°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: 6 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m- IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMF- IEC 61000-4-11

Safety- IEC 60950-1- EN 60950-1- EN 62368-1- UL 508

Maritime area- DNV

Hazardous areas- ATEX

Class I Division 2- IECEx

Free fall- IEC 60068-2-32

Shock- IEC 60068-2-27

Vibration- IEC 60068-2-6- IEC 60068-2-64

Declaration

Green product- RoHS, CRoHS, WEEE

MTBF

Time- 1.236,384 hours

Standards- Telcordia (Bellcore) Standard TR/SR

Specifications

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

