

Item no.: 385412

## NPORT IA5250A-IEX - 2-port RS-232/422/485 device server for industrial automation

from **374,47 EUR**

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 shipping weight: 0.50 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 for operation in harsh environments such as the oil and gas industry and energy automation.

**Ethernet Interface-10/100BaseT(X) Ports (RJ45 connector)** Supports 2 IP addresses Auto MDI/MDI-X connection - Magnetic Isolation Protection - 1.5 kV (built-in) Ethernet Software Features- Configuration Options Web Console (HTTP/HTTPS), Windows Utility, Device Search Utility (DSU), MCC Tool, Serial Console, Telnet Console - Management ARP, BOOTP, DHCP Client, DNS, HTTP, HTTPS, ICMP, IPv4, LLDP, Rtelnet, SMTP, SNMPv1/v2c, TCP/IP, Telnet, UDP - Filter: IGMP v1/v2 - 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 - Time Management Sntp - 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

**Security Functions- Authentication:** Local database - **Encryption:** HTTPS, AES-128, RSA-1024, SHA-1, SHA-256 **Serial Interface- Connector DB9 male - No. of Ports 2 - Serial Standards RS-232, RS-422, RS-485 - Operation Modes Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, UDP - 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 None, RTS/CTS (RS-232 only), DTR/DSR (RS-232 only), XON/XOFF - Pull High/Low Resistor for RS-485 1 kilo-ohm, 150 kilo-ohms - Terminator for RS-485 120 ohms - RS-485 Data Direction Control ADDC (automatic data direction control) 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** Power Parameters- Input Current: 250 mA @ 12 VDC - Input Voltage: 12 to 48 VDC - No. of Power Inputs: 2 - Power Connector: Terminal block

**Physical Characteristics- Housing:** Metal - **Dimensions:** 36 x 105 x 140 mm (1.42 x 4.13 x 5.51 in) - **Weight:** 485 g (1.07 lb) - **Installation:** DIN-rail mounting, Wall mounting (with optional kit) **Environmental Limits- Operating Temperature:** -40 to 75°C (-40 to 167°F) - **Storage Temperature (package included):** -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: 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: 1 kV/IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/m/IEC 61000-4-8 PFM/IEC 61000-4-11 - **Hazardous Locations ATEX Zone 2, UL/cUL Class I Division 2 Groups A/B/C/D, IECEx - Safety:** UL 508 - **Vibration:** IEC 60068-2-6 - **Shock:** IEC 60068-2-27 - **Freefall:** IEC 60068-2-32 **Declaration- Green Product: RoHS, CrRoHS, WEEE MTBF- Time:** 262,805 hrs - **Standards:** Telcordia (Bellcore) Standard TR/SR

### Specifications

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

