

Item no.: 385370

## NPORT IA5450AI - 4-port RS-232/422/485 industrial automation device server

from **756,69 EUR**

Item no.: 385370  
 shipping weight: 0.10 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.

**4-Port RS-232/422/485, server for industrial automation with surge protection for serial/LAN/power, 2 10/100BaseT(X) ports with single IP, 0 to 60°C operating temperature, 2 kV isolation protection**

Ethernet interface 10/100BaseT(X) ports (RJ45 connector)- Supports 2 IP addresses- Auto MDI/MDI-X connectionMagnetic isolation protection- 1.5 kV (built-in)Ethernet software functionsConfiguration options- Web console (HTTP/HTTPS), Windows utility, device search utility (DSU), MCC tool, serial console, Telnet consoleAdministration- ARP, BOOTP, DHCP client, DNS, HTTP, HTTPS, ICMP, IPv4, LLDP, Rtelnet, SMTP, SNMPv1/v2c, TCP/IP, Telnet, UDPFilter- IGMP v1/v2Linux Real TTY driver- Kernel versions: 2.4.x, 2.6.x, 3.x, 4.x and 5.xFixed 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 10.15Android API- Android 3.1.x and higherTime management- SNTPWindows Real COM driver- 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 EmbeddedSecurity functionsAuthentication- Local databaseEncryption- HTTPS, AES-128, RSA-1024, SHA-1, SHA-256Security protocols- SNMPv3Serial interfaceConnection- DB9 maleNo. Ports- 4Serial Standards- RS-232, RS-422, RS-485Operating Modes- Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, UDPBaud Rate- Supports standard baud rates (unit=bps): 50, 75, 110, 134, 150, 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 230.4k, 460.8k, 921.6kData bits- 5, 6, 7, 8Stop bits- 1, 1.5, 2Parity- None, Even, Odd, Space, MarkFlow control- None, RTS/CTS (RS-232 only), DTR/DSR (RS-232 only), XON/XOFFIsolation- 2 kVPull high/low resistor for RS-485- 1 kilo-ohm, 150 kilo-ohmsTerminating resistor for RS-485- 120 ohmsRS-485 data direction control- ADDC (automatic data direction control)Serial signalsRS-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-, GNDPerformance parametersInput current- 512 mA @ 12 VDCInput voltage- 12 to 48 VDCNumber of current inputs- 2Power connection- Terminal blockPhysical propertiesHousing- MetalDimensions- 45.8 x 134 x 105 mm (1.8 x 5.28 x 4.13 in)Weight- 560 g (1.23 lb)Installation- DIN rail mounting, Wall mounting (with optional kit)Environmental conditionsOperating temperature- 0 to 60°C (32 to 140°F)Storage temperature (in packaging)- -40 to 75°C (-40 to 167°F)Relative humidity- 5 to 95% (non-condensing)Standards and certificationsEMC- EN 55032/35EMI- CISPR 32, FCC Part 15B Class AEMS- 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 PFMF- IEC 61000-4-11Hazardous areas- ATEX Zone 2, UL/cUL Class I Division 2 Groups A/B/C/D, IECExSafety- UL 508Vibration- IEC 60068-2-6Shock- IEC 60068-2-27Free fall- IEC 60068-2-32DeclarationEnvironmentally friendly product- RoHS, CRoHS, WEEEMBTFTIME- 763.711 hoursStandards- Telcordia (Bellcore) Standard TR/SR

### Specifications

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

