

Item no.: 385371

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

from **918,69 EUR**

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shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

4-port RS-232/422/485 industrial automation device server with serial/LAN/power surge protection, 2 10/100BaseT(X) ports with single IP, -40 to 75°C operating temperature, 2 kV isolation protection 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 functions- Configuration options: Web console (HTTP/HTTPS), Windows utility, Device Discovery 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 driver: 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 higher- Time management: SNTP- Windows 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 Embedded Security functions- Authentication: Local database- Encryption: HTTPS, AES-128, RSA-1024, SHA-1, SHA-256- Security protocols: SNMPv3 Serial interface- Connection: DB9 connector- Number of ports: 4- Serial standards: RS-232, RS-422, RS-485- Operating modes: Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, UDP- Baud 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, 921.6k- 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- Isolation: 2 kV- Pull high/low resistor for RS-485: 1 kilo-ohm, 150 kilo-ohm- Terminating resistor for RS-485: 120 Ohm- 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 Performance parameters- Input current: 512 mA @ 12 VDC- Input voltage: 12 to 48 VDC- Number of power inputs: 2- Power connection: terminal block Physical properties- Housing: metal- Dimensions: 45.8 x 134 x 105 mm (1.8 x 5.28 x 4.13 in.)- Weight: 560 g (1.23 lb)- Mounting: DIN rail mounting, wall mounting (with optional kit) Environmental conditions- Operating temperature: -40 to 75°C (-40 to 167°F)- Storage temperature (including packaging): -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 areas: 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- Free fall: IEC 60068-2-32 Declaration- Environmentally friendly product: RoHS, CRoHS, WEEE MTBF- Time: 763,711 hours- Standards: Telcordia (Bellcore) Standard TR/SR

Specifications

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All details, up-to-date
prices and availability

