

Item no.: 384704

## NPORT IA5150A - 1-port RS-232/422/485 industrial automation device server

from **285,79 EUR**

Item no.: 384704  
shipping weight: 0.60 kg  
Manufacturer: MOXA



### Product Description

The NPort IA5000A device servers are designed for connecting serial industrial automation devices such as PLCs, sensors, measuring devices, motors, drives, barcode readers and operator displays. The device servers are solidly built, supplied in a metal housing with screw terminals and offer full overvoltage protection. The NPort IA5000A device servers are extremely user-friendly and enable simple and reliable serial-to-Ethernet solutions. 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 R2/2012/2012/2012 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: HTTPS (TLS 1.2), IA5450A models: SNMPv3 Serial interface Connection: DB9 connector (RS-232), terminal block (RS-422/485) Number of ports:- NPort IA5150A models: 1- 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: NPort IA5150A/IA5250A/IA5450A models: 2 kV (I models)- Pull high/low resistance 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, D, S, 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:- NPort IA5150A models: 220 mA @ 12 VDC- Input voltage: 12 to 48 VDC- Number of current inputs: 2- Power connection: Terminal block Physical properties- Housing: Metal- Dimensions: 36 x 105 x 140 mm (1.42 x 4.13 x 5.51 in)- Weight: - NPort IA5150A models: 475 g (1.05 lb)- Mounting: DIN rail mount, wall mount (with optional kit) Environmental limits- Operating temperature: Standard models: 0 to 60°C (32 to 140°F), Wide Temp. models: -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 PFMF- IEC 61000-4-11 Hazardous areas:- NPort IA5100A/IA5200A models: UL/cUL Class I Division 2 Groups A/B/C/D, ATEX Zone 2- 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: 262,805 hours- Standards: Telcordia (Bellcore) Standard TR/SR

### Specifications

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

