

Item no.: 384670

NPORT IA-5150I-S-SC - 1-port RS-232/422/485 device server with 1 100BaseF(X) single-mode fiber port (SC)

from **535,36 EUR**

Item no.: 384670
shipping weight: 0.40 kg
Manufacturer: MOXA



Product Description

The industrial device servers offer enhanced surge protection and have certifications for hazardous locations including rolling stock and wayside. In addition, all the devices are designed to ensure reliable serial-to-Ethernet connectivity when operating in harsh environments such as oil and gas and power automation.

1-port RS-232/422/485 device server with 1 100BaseF(X) single-mode fiber port (SC connectors) and 2 kV optical isolation, 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)

100BaseFX Ports (single-mode SC connector)- 1

Ethernet Software Features

Configuration Options- Web Console (HTTP)- Windows Utility- Telnet Console- 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 later

Time Management- SNT

PMIB- RFC1213, RFC1317

Security Functions

Authentication- Local database (password only)

Serial Interface

Connector- DB9 male for RS-232 and terminal block for RS-422/485

Serial Standards- RS-232- RS-422- RS-485

Baudrate- Supports standard baudrates (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

Terminator for RS-485- 120 ohms

Pull High/Low Resistor for RS-485- 1 kilo-ohm, 150 kilo-ohms

Isolation- 2 kV

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 Voltage- 12 to 48 VDC

Input Current- 555 mA @ 12 VDC

No. of Power Inputs- 2

Power Connector- Terminal block

Relays

Contact Current Rating- Resistive load: 1 A @ 30 VDC

Physical Characteristics

Housing- Plastic

IP Rating- IP30

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

Weight- 360 g (0.79 lb)

Installation- DIN-rail mounting

Environmental Limits

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

Storage Temperature (package included)- -40 to 85°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: 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- DNV

Hazardous Locations- ATEX- Class I Division 2- IECEx

Freefall- IEC 60068-2-32

Shock- IEC 60068-2-27

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

Declaration

Green Product- RoHS, CrRoHS, WEEE

MTBF

Time- 763,707 hrs

Standards- Telcordia (Bellcore) Standard TR/SR

Specifications

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

