Item no.: 385397

NPORT 5430 W/ ADAPTER - Serial 4-port RS-422485 device server without adapter

from **550,93 EUR**

Item no.: 385397
shipping weight: 0.80 kg
Manufacturer: MOXA

📄 Product Description

NPort® 5400 device servers offer many useful features for serial-to-Ethernet applications, including an independent operating mode for each serial port, a user-friendly LCD control panel for easy installation, two DC power inputs and adjustable termination and pull high/low resistors.Networking capability for up to 4 serial devicesNPort® 5400 device servers can conveniently and transparently connect up to four serial devices to an Ethernet network, allowing you to network your existing serial devices with just one basic configuration. Data transfer between the serial and Ethernet interfaces is bidirectional. By using NPort® device servers, you not only protect your current hardware investments, but also enable future network expansions. You can both centralise the management of your serial devices and distribute management hosts across the network.Independent operating mode for each serial portNPort® 5400 device servers can be used to connect different devices for remote data retrieval or event handling over a TCP/IP network. Each serial port of the NPort® 5400 operates independently to provide maximum versatility. For example, port 1 can operate in driver mode, port 2 in TCP server mode, and ports 3 and 4 in TCP client mode.User-friendly LCD panel for easy installationThe top of the NPort® 5400 features a four-button LCD panel for data entry, configuration and operating mode selection. The LCD panel displays the server name, serial number and IP address and can be used to enter or change parameters such as IP address, netmask and gateway. (The LCD panel is not available onwide temperature range models.)Dual DC Power InputsNPort® 5400 device servers support dual power sources by providing both a DC terminal input and a DC jack input. Providing two types of power inputs gives the user greater flexibility for use with different applications.Adjustable termination and pull high/low resistorsThe NPort 5400 series provides adjustable termination and pull high/low resistors for RS-485 applications. In some critical environments, termination resistors may be required to prevent reflection of serial signals, and the pull high/low resistors may need to be adjusted to maintain the integrity of the electrical signal. Since no set of resistor values is universally compatible with all environments, the NPort® 5400 has four sets of DIP switches on the bottom to set the termination and pull high/low resistor values.SpecificationsEthernet interface- 10/100BaseT(X) ports (RJ45 connector) 1- Magnetic isolation protection 1.5 kV (built-in)Ethernet software functions- Configuration options Telnet console, Windows utility, web console (HTTP/HTTPS)- Management ARP, BOOTP, DHCP client, DNS, HTTP, HTTPS, ICMP, IPv4, LLDP, Rtelnet, SMTP,- SNMPv1/v2c, TCP/IP, Telnet, UDP- Filter IGMP v1/v2- Windows Real COM driver Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64),- Windows 2008 R2/2012/2012 R2 (x64), Windows Embedded CE 5.0/6.0, Windows XPEmbedded- 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- Android API Android 3.1.x and higher- Time management SNTPSerial interface- Connection NPort 5410/5450/5450-T/5450I/5450I-T: DB9 connector- NPort 5430/5430I: Terminal block- Number of ports 4- Serial standards NPort 5410: RS-232NPort 5430 Series: RS-422, RS-485NPort 5450 Series: RS-232, RS-422, RS-485- Operating Modes Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, 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 RTS/CTS (RS-232 only), DTR/DSR (RS-232 only), XON/XOFF- Isolation 2 kV isolation for NPort 5430I/5450I/5450I-T- Pull High/Low resistance for RS-485 1 Kilo-Ohm, 150 kilo-ohms- RS-485 data direction control ADDC® (automatic data direction control)- Terminating resistor for RS-485 120 ohmsSerial signals- RS-232 TxD, RxD, 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-, GNDPower parameters- Input current NPort 5410/5450/5450-T: 350 mA @ 12 VDCNPort 5430: 320 mA @ 12 VDCNPort 5430I: 530 mA @ 12 VDCNPort 5450I/5450I-T: 554 mA @ 12 VDC- Input voltage 12 to 48 VDC- No. Power inputs 2- Power connection 1 removable 3-contact terminal block(s)- Power input socketReliability- Automatic reboot trigger Built-in WDT- Alarm tools Built-in buzzer and RTC (real-time clock)Physical features- Metal housing- Dimensions (with ears) 181 x 103 x 33 mm (7.14 x 4.06 x 1.30 in)- Dimensions (without ears) 158 x 103 x 33 mm (6.22 x 4.06 x 1.30 in)- Weight 740 g (1.63 lb)- Interactive interface LCD panel display (standard temperature models only)- Configuration pushbuttons (standard temperature models only)- Installation Desktop mounting, DIN rail mounting (with optional kit), wall mountingEnvironmental limits- Operating temperature standard models: 0 to 55°C (32 to 131°F)- Wide range temp. Models: -40 to 75°C (-40 to 167°F)- Storage temperature (including packaging) -40 to 75°C (-40 to 167°F)- Relative humidity 5 to 95% (non-condensing)Standards and certifications- EMC EN 55032/24- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/mIEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kVIEC 61000-4-5 Surge: Power: 1 kV; signal: 1 kVIEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; signal: 3 V/mIEC 61000-4-8 PFMFIEC 61000-4-11 DIPs- Maritime DNV-GL (standard temp. models only) - Medical Models only)- Medical EN 60601-1-2 Class B, EN 55011 (NPort 5410/5450/5450I only)- Safety UL 60950-1MTBF- Time NPort 5410: 310,331 hours- NPort 5430/5430I: 265,650 hours- NPort 5450/5450I: 206,903 hours- Safety Standards Telcordia (Bellcore) Standard TR/SRScope of delivery- device 1 x NPort 5400 Series Device Server- power supply 1 x power cable adapter: CBL-PJTB-10- installation kit 1 x wall mounting kit

📄 Specifications