Item no.: 384646

NPORT 5110 W/O ADAPTER - 1-port RS-232 device server without adapter, 0 to 55C operating temperature

from **129,02 EUR**

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shipping weight: 0.40 kg
Manufacturer: MOXA

📄 Product Description

NPort® 5100 device servers are designed to make serial devices network-ready in an instant. The small size of the servers makes them ideal forconnecting devices such as card readers and payment terminals to an IP-based Ethernet LAN. Use the NPort 5100 device servers to give your PCsoftware direct access to serial devices from anywhere on the network.Most Cost-effective Serial-to-Ethernet SolutionUsing serial device servers to connect legacy serial devices to Ethernet is now commonplace, and users expect device servers to be cost-effective and to provide a broad selection of useful functions. With its full support of Microsoft and Linux operating systems theNPort® 5100 Series provides the best choice for serial-to-Ethernet converters.Adjustable Termination and Pull High/Low ResistorsIn some critical environments, termination resistors may be needed to prevent the reflection of serial signals. When using termination resistors, it isalso important to set the pull high/low resistors correctly so that the electrical signal is not corrupted. Since no set of resistor values is universallycompatible with all environments, the NPort® 5100 device servers come with jumpers for adjusting termination and pull high/low resistor values foreach serial port.Standard TCP/IP Interface and Broad Choice of Operation ModesThe NPort® 5100 device servers can be configured for TCP Server, TCP Client, UDP Server/Client, Pair Connection, or Ethernet Modem mode,ensuring compatibility with software based on a standard network API (e.g., Winsock or BSD Sockets).Real COM/TTY Drivers for Existing SoftwareThe Real COM/TTY drivers provided with the NPort® 5100 device servers allow you to continue using software designed for communicatingthrough COM/TTY ports. Installation and configuration are painless, and allows your serial devices and PC to communicate seamlessly over a TCP/IP network. Using Moxa's Real COM/TTY drivers is an excellent way to preserve your software investment while still allowing you to enjoy thebenefits of networking your serial devices.Easy to TroubleshootNPort® 5100 device servers support SNMP, which can be used to monitor all units over Ethernet. Each unit can be configured to send trapmessages automatically to the SNMP manager when user-defined errors are encountered. For users who do not use SNMP manager, an email alertcan be sent instead. Users can define the trigger for the alerts using Moxa's Windows utility, or the web console. For example, alerts can betriggered by a warm start, a cold start, or a change in password.SpecificationsEthernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 1- Magnetic Isolation Protection 1.5 kV (built-in)Ethernet Software Features- Configuration Options Web Console (HTTP), Serial Console (NPort 5110/5110-T/5150 only), Telnet Console,- Windows Utility- Management DHCP Client, IPv4, SNTP, SMTP, SNMPv1, Telnet, DNS, HTTP, ARP, BOOTP, UDP,- TCP/IP, ICM- Windows Real COM Drivers 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 XP-Embedded- 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 - Android API Android 3.1.x and later- MIB RFC1213, RFC1317Serial Interface- Connector DB9 male- No. of Ports 1- Serial Standards NPort 5110/5110-T: RS-232- Operation Modes Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, TCP Client,- TCP Server, UDP- Baudrate: NPort 5110/5110-T: 110 bps to 230.4 kbps- 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- Pull High/Low Resistor for RS-485 NPort 5130/5150: 1 kilo-ohm, 150 kilo-ohms- RS-485 Data Direction Control NPort 5130/5150: 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-, GNDPower Parameters- Input Current: NPort 5110/5110-T: 128 mA @ 12 VDC- Input Voltage 12 to 48 VDC- No. of Power Inputs 1- Source of Input Power Power input jackPhysical Characteristics- Housing MetalDimensions (with ears) 75.2 x 80 x 22 mm (2.96 x 3.15 x 0.87 in)Dimensions (without ears) 52 x 80 x 22 mm (2.05 x 3.15 x 0.87 in)- Weight 340 g (0.75 lb)- Installation Desktop, DIN-rail mounting (with optional kit), Wall mounting- Environmental Limits- Operating Temperature Standard Models: 0 to 55°C (32 to 131°F)- Wide Temp. Models: -40 to 75°C (-40 to 167°F)- nStorage Temperature (package included) -40 to 75°C (-40 to 167°F)- Ambient 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: 1 kVIEC 61000-4-5 Surge: Power: 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- Safety UL 60950-1MTBF- Time NPort 5110/5110-T: 3,126,448 hrs- Standards Telcordia (Bellcore) Standard TR/SRPackage ContentsDevice 1 x NPort 5100 Series device serverPower Supply 1 x power adapter, suitable for your region (all models except NPort 5110-T)Documentation 1 x quick installation guide

📄 Specifications

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