

Item no.: 385421

NPORT W2250A-W4-T-EU - 2-port RS-232/422/485 wireless device server with 802.11abgn WLAN EU band, 12 to 4

from **502,01 EUR**

Item no.: 385421
shipping weight: 0.30 kg
Manufacturer: MOXA



Product Description

Our wireless device servers are the ideal choice for connecting your serial or Ethernet devices—such as PLCs, meters, and sensors—to a wireless network, avoiding the hassle of running a network cable to each device. 2-port RS-232/422/485 wireless device server with 802.11a/b/g/n WLAN EU band, 12 to 48 VDC, -40 to 75°C operating temperature Ethernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 1- Magnetic Isolation Protection 1.5 kV (built-in)- Standards IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) Ethernet Software Features- Configuration Options Web Console (HTTP/HTTPS) Windows Utility- Management DHCP Option 82 HTTP IPv4 SMTPS SNMP v1/v2c/v3 Syslog Telnet Web Console- Windows Real COM Drivers Windows 11/10/8.1/8/7/Vista/XP/ME/98/95 Windows Server 2022/2019/2016/2012 R2/2012/2008 R2/2008/2003/2000/NT Windows Embedded CE 5.0/6.0, 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: 10.12 to 10.15, 11.x 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 Linux kernel 5.x/4.x- Virtual Machine VMware ESXi (Windows 11/10) VMware Fusion (Windows on macOS 10.12 to 11.x) Parallels Desktop (Windows on macOS 10.12 to 11.x)- Android API Android 3.1.x and later- MIB Device Settings MIB RFC 1213, RFC 1317- Security HTTPS/SSL User Authentication Management: local database, RADIUS Secure Protocols: HTTPS (TLSv1.3), SSH, SNMPv3 Cryptography: HMAC, SHA-1, SHA-256, SHA-384, RSA-1024, AES-128, AES-256- Time Management NTP Client SNTP Client WLAN Interface- WLAN Standards 802.11a/b/g/n- Receiver Sensitivity for 802.11a (measured at 5.680 GHz) Typ. -91 @ 6 Mbps Typ. -74 @ 54 Mbps- Receiver Sensitivity for 802.11b (measured at 2.437 GHz) Typ. -92 dBm @ 1 Mbps Typ. -84 dBm @ 11 Mbps- Receiver Sensitivity for 802.11g (measured at 2.437 GHz) Typ. -91 dBm @ 6 Mbps Typ. -73 dBm @ 54 Mbps- Receiver Sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz) Typ. -89 dBm @ 6.5 Mbps (20 MHz) Typ. -71 dBm @ 72.2 Mbps (20 MHz)- Receiver Sensitivity for 802.11n (5 GHz; measured at 5.680 GHz) Typ. -89 dBm @ 6.5 Mbps (20 MHz) Typ. -71 dBm @ 72.2 Mbps (20 MHz) Typ. -85 dBm @ 13.5 Mbps (40 MHz) Typ. -67 dBm @ 150 Mbps (40 MHz)- Modulation Type DSSS OFDM- Transmission Distance Up to 100 meters (in open areas)- Transmission Rate 802.11a/g: 54 Mbps 802.11b: 11 Mbps 802.11n: 6.5 to 150 Mbps- Transmitter Power for 802.11b 16±1.5 dBm @ 1 Mbps 16±1.5 dBm @ 11 Mbps- Transmitter Power for 802.11g 16±1.5 dBm @ 6 Mbps 14±1.5 dBm @ 54 Mbps- Transmitter Power for 802.11a 15±1.5 dBm @ 6 Mbps 14±1.5 dBm @ 54 Mbps- Transmitter Power for 802.11n (2.4 GHz) 16 dBm @ 1.5 Mbps (6.5 MHz) 12 dBm @ 1.5 Mbps (72.2 MHz)- Transmitter Power for 802.11n (5 GHz) 15 dBm @ 1.5 Mbps (6.5 MHz) 12 dBm @ 1.5 Mbps (150 MHz)- Frequency Band for CN (20 MHz operating channels) 2.412 to 2.472 GHz (13 channels) 5.180 to 5.240 GHz (4 channels) 5.260 to 5.320 GHz (4 channels) 5.745 to 5.825 GHz (5 channels)- Frequency Band for EU (20 MHz operating channels) 2.412 to 2.472 GHz (13 channels) 5.180 to 5.240 GHz (4 channels) 5.260 to 5.320 GHz (4 channels) 5.500 to 5.700 GHz (11 channels)- Frequency Band for JP (20 MHz operating channels) 2.412 to 2.472 GHz (13 channels) 5.180 to 5.240 GHz (4 channels) 5.260 to 5.320 GHz (4 channels) 5.500 to 5.700 GHz (11 channels)- Frequency Band for US (20 MHz operating channels) 2.412 to 2.462 GHz (11 channels) 5.180 to 5.240 GHz (4 channels) 5.260 to 5.320 GHz (4 channels) 5.500 to 5.700 GHz (11 channels) 5.745 to 5.825 GHz (5 channels)- Wireless Security WEP encryption (64-bit and 128-bit) WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES) WPA/WPA2-Personal- WLAN Modes Infrastructure mode Antenna Characteristics- Connector RP-SMA (male)- Antenna Type Omni-directional Security Functions- Authentication Local database RADIUS- Encryption AES-128 AES-256 HMAC RSA-1024 SHA-1 SHA-256 SHA-384- Security Protocols SNMPv3 SSHv2 HTTPS (TLS 1.3)- Wireless Security WEP WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS support EAP-TLS 1.3) WPA/WPA2-Personal- Hardware-based Security Secure Boot Serial Interface- Connector DB9 male- No. of Ports 2- Serial Standards RS-232 RS-422 RS-485- Operation Modes Real COM mode TCP Server mode TCP Client mode UDP mode RFC 2217 mode Pair Connection mode Ethernet Modem mode Disabled- Baudrate 300 bps to 921.6 kbps- Data Bits 5, 6, 7, 8- Stop Bits 1, 1.5, 2- Parity None, Even, Odd, Space, Mark- Flow Control None RTS/CTS XON/XOFF- RS-485 Data Direction Control ADDC® (automatic data direction control)- Pull High/Low Resistor for RS-485 1 kilo-ohm, 150 kilo-ohms- Terminator for RS-485 120 ohms- Surge 1 kV Physical Characteristics- Housing Metal- Installation Desktop DIN-rail mounting (with optional kit) Wall mounting- Dimensions (with ears, without antenna) 100 x 111 x 26 mm (3.94 x 4.37 x 1.02 in)- Dimensions (without ears or antenna) 77 x 111 x 26 mm (3.03 x 4.37 x 1.02 in)- Weight 191 g (0.42 lb)- Antenna Length 108 mm (4.25 in) 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)- Storage Temperature (package included) -40 to 75°C (-40 to 167°F)- Ambient Relative Humidity 5 to 95% (non-condensing) Power Parameters- Input Current 455 mA @ 12 VDC- Input Voltage 12 to 48 VDC Standards and Certifications- EMC EN 55032/35- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 2 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: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFM IEC 61000-4-11- Radio Frequency CE (ETSI EN 301 893, ETSI EN 300 328, ETSI EN 301 489-1/-17), MIC, KC, RCM, WPC- Safety UL 62368-1 IEC 62368-1 Reliability- Alert Tools RTC (real-time clock)- Automatic Reboot Trigger Built-in WDT MTBF- Time 1,187,539 hrs- Standards Telcordia SR332

Specifications

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prices and availability



