

Item no.: 385416

## NPORT W2250A-T-EU - 2-Port Wireless Device Server, 3-in-1, 802.11abgn WLAN EU Band

from **502,01 EUR**

Item no.: 385416  
shipping weight: 0.60 kg  
Manufacturer: MOXA



### Product Description

Our wireless device servers are the ideal choice for connecting your serial or Ethernet devices - such as PLCs, measuring devices and sensors - to a wireless network without having to run a network cable to each device. 2-Port Wireless Device Server, 3-in-1, 802.11a/b/g/n WLAN EU band, 12 to 48 VDC, -40 to 75°C Operating temperature Ethernet interface 10/100Base(T)X ports (RJ45 connector): 1 Magnetic isolation protection: 1.5 kV (built-in) Standards: IEEE 802.3 for 10BaseT IEEE 802.3u for 100Base(T)X Ethernet Software Features-Configuration options: Web console (HTTP/HTTPS), Windows utility-Administration: DHCP option 82, HTTP, IPv4, SMTP, SNMPv1/v2c/v3, Syslog, Telnet, Web console-Windows Real COM drivers: Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2016/2019 (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 X-Android API: Android 3.1.x and higher-MIB: Device Settings MIB, RFC1213, RFC1317-Security: HTTPS/SSL, user authentication management: local database, RADIUS, secure protocols: HTTPS (TLSv1.2), 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-Reception sensitivity for 802.11a (measured at 5.680 GHz): Type: -91 @ 6 Mbps Type: -74 @ 54 Mbps-Reception sensitivity for 802.11b (measured at 2.437 GHz): Typ. -92 dBm @ 1 Mbps Type: -84 dBm @ 11 Mbps-Reception sensitivity for 802.11g (measured at 2.437 GHz): Type: -91 dBm @ 6 Mbps Type: -73 dBm @ 54 Mbps-Reception sensitivity for 802.11n (2.4 GHz): measured at 2.437 GHz): Type: -89 dBm @ 6.5 Mbps (20 MHz) Type: -71 dBm @ 72.2 Mbps (20 MHz)-Reception sensitivity for 802.11n (5 GHz): measured at 5.680 GHz): Typ. -89 dBm @ 6.5 Mbps (20 MHz) Type: -71 dBm @ 72.2 Mbps (20 MHz) Type: -85 dBm @ 13.5 Mbps (40 MHz) Type: -67 dBm @ 150 Mbps (40 MHz)-Modulation type: DSSS OFDM-Transmission distance: Up to 100 metres (in open areas)-Transmission rate: 802.11a/g: 54 Mbps 802.11b: 11 Mbps 802.11n: 6.5 to 150 Mbps-Transmission power for 802.11b: 16±1.5 dBm @ 1 Mbps 16±1.5 dBm @ 11 Mbps-Transmission power for 802.11g: 16±1.5 dBm @ 6 Mbps 14±1.5 dBm @ 54 Mbps-Transmit power for 802.11a: 15±1.5 dBm @ 6 Mbps 14±1.5 dBm @ 54 Mbps-Transmit power for 802.11n (2.4 GHz): 16 dBm @ 1.5 Mbps (6.5 MHz) 12 dBm @ 1.5 Mbps (72.2 MHz)-Transmit power for 802.11n (5 GHz): 15 dBm @ 1.5 Mbps @ 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 the 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 2.484 GHz (14 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: Ad-hoc mode, infrastructure mode Antenna properties Connection: RP-SMA (plug) Antenna type: Omnidirectional Security functions Authentication: Local database, RADIUS Encryption: HTTPS, AES-128, AES-256, HMAC, RSA-1024, SHA-1, SHA-256, SHA-384 Security protocols: SNMPv3, SSHv2, HTTPS (TLS 1.2) Serial interface Connector: DB9 connector Number of ports: 2 Serial standards: RS-232, RS-422, RS-485 Operating modes: Real COM mode, TCP server mode, TCP client mode, UDP mode, RFC2217 mode, Pair connection mode, Ethernet modem mode, Disabled Baud rate: 50 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-ohm Terminating resistor for RS-485: 120 ohms Surge: 1 kV Physical properties Housing: metal Installation: desktop mounting, DIN rail mounting (with optional kit), wall mounting Dimensions (with ears, without antenna): 77 x 111 x 26 mm (3.03 x 4.37 x 1.02 in) Dimensions (without ears or antenna): 100 x 111 x 26 mm (3.94 x 4.37 x 1.02 in) Weight: 557 g (1.23 lb) Antenna length: 109.79 mm (4.32 in) Environmental conditions Operating temperature: -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) Performance Parameters Input Current: 200 mA @ 12 VDC Input Voltage: 12 to 48 VDC 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 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 301 489-17, ETSI EN 301 489-1), ARIB RCR STD-33, ARIB STD-66 Reliability Alert Tools: RTC (real-time clock) Automatic restart trigger: Built-in WDT MTBF Time: 363,327 hours Standards: Telcordia (Bellcore) Standard TR/SR

### Specifications

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



