Item no.: 385376

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

from **354,88 EUR**

Item no.: 385376
shipping weight: 0.80 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.Wireless Device Server with 2 ports, 3-in-1, 802.11a/b/g/n WLAN CN band, 12 to 48 VDC, 0 to 55°C operating temperature, with CN connectorEthernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 1- Magnetic Isolation Protection 1.5 kV (built-in)- StandardsIEEE 802.3 for 10BaseTIEEE 802.3u for 100BaseT(X)Ethernet Software Features- Configuration Options Web Console (HTTP/HTTPS), Windows Utility- Management DHCP Option 82, HTTP, IPv4, SMTP, SNMPv1/v2c/v3, Syslog, Telnet, Web Console- Windows Real COM DriversWindows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2012 R2/2016/2019 (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 later- MIB Device Settings MIB, RFC1213, RFC1317- SecurityHTTPS/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 ClientWLAN Interface- WLAN Standards802.11a/b/g/n- Receiver Sensitivity for 802.11a (measured at 5.680 GHz)Type. -91 @ 6 MbpsTyp. -74 @ 54 Mbps- Receiver Sensitivity for 802.11b (measured at 2.437 GHz)Typ. -92 dBm @ 1 MbpsType. -84 dBm @ 11 Mbps- Receiver Sensitivity for 802.11g (measured at 2.437 GHz)Type. -91 dBm @ 6 MbpsType. -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)Type. -85 dBm @ 13.5 Mbps (40 MHz)Type. -67 dBm @ 150 Mbps (40 MHz)- Modulation TypeDSSSOFDM- Transmission DistanceUp to 100 metres (in open areas)- Transmission Rate802.11a/g: 54 Mbps802.11b: 11 Mbps802.11n: 6.5 to 150 Mbps- Transmitter Power for 802.11b16±1.5 dBm @ 1 Mbps16±1.5 dBm @ 11 Mbps- Transmitter Power for 802.11g16±1.5 dBm @ 6 Mbps14±1.5 dBm @ 54 Mbps- Transmitter Power for 802.11a15±1.5 dBm @ 6 Mbps14±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 2.484 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)- 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 SecurityWEP encryption (64-bit and 128-bit)WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES)WPA/WPA2-Personal- WLAN ModesAd-hoc Mode, Infrastructure modeAntenna Characteristics- Connector RP-SMA (male)- Antenna Type Omni-directionalSecurity Functions- AuthenticationLocal databaseRADIUS- Encryption HTTPS, AES-128, AES-256, HMAC, RSA-1024, SHA-1, SHA-256, SHA-384- Security ProtocolsSNMPv3SSHv2HTTPS (TLS 1.2)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, RFC2217 mode, Pair Connection mode, Ethernet Modem mode, Disabled- Baudrate 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-ohms- Terminator for RS-485 120 ohms- Surge 1 kVPhysical Characteristics- Housing Metal- Installation Desktop, 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 Limits- Operating Temperature 0 to 55°C (32 to 131°F)- Storage Temperature (package included) -40 to 75°C (-40 to 167°F)- Ambient Relative Humidity 5 to 95% (non-condensing) Power Parameterscondensing)Power Parameters- Input Current 200 mA @ 12 VDC- Input Voltage 12 to 48 VDCStandards and Certifications- EMC EN 55032/24- EMI CISPR 32, FCC Part 15B Class A- EMSIEC 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: 2 kV; Signal: 2 kVIEC 61000-4-5 Surge: Power: 2 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- 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-66Reliability- Alert Tools RTC (real-time clock)- Automatic Reboot Trigger Built-in WDTMTBF- Time 363,327 hrs- Standards Telcordia (Bellcore) Standard TR/SR

Specifications

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