Item no.: 385415

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

from **526,59 EUR**

Item no.: 385415
shipping weight: 0.70 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 2-port device server, 3-in-1, 802.11a/b/g/n WLAN CN band, 12 to 48 VDC, -40 to 75°C operating temperatureEthernet interface-10/100BaseT(X) ports (RJ45 connector): 1-Magnetic isolation protection: 1.5 kV (built-in)-Standards: IEEE 802.3 for 10BaseTIEEE 802.3u for 100BaseT(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 R2/2012/2012 R2/2016/2019 (x64), Windows Embedded CE 5.0/6.0, Windows XP Embedded-Linux Real TTY driver: 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 clientWLAN interface-WLAN standards: 802.11a/b/g/n-Reception sensitivity for 802.11a (measured at 5.680 GHz):Type. -91 @ 6 MbpsType. -74 @ 54 Mbps-Reception sensitivity for 802.11b (measured at 2.437 GHz):Type. -92 dBm @ 1 MbpsType. -84 dBm @ 11 Mbps-Reception sensitivity for 802.11g (measured at 2.437 GHz):Type. -91 dBm @ 6 MbpsType. -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)Typ. -71 dBm @ 72.2 Mbit/s (20 MHz)-Reception sensitivity for 802.11n (5 GHz; measured at 5.680 GHz):Type. -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 range:Up to 100 metres (in open areas)-Transmission rate:802.11a/g: 54 Mbps802.11b: 11 Mbps802.11n: 6.5 to 150 Mbps-Transmission power for 802.11b:16±1.5 dBm @ 1 Mbps16±1.5 dBm @ 11 Mbps-Transmission power for 802.11g:16±1.5 dBm @ 6 Mbps14±1.5 dBm @ 54 Mbps-Transmit power for 802.11a:15±1.5 dBm @ 6 Mbps14±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 (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) -Frequency range for the USA (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:Ad-hoc mode, infrastructure mode-Antenna features-Connector: RP-SMA (male)-Antenna type: OmnidirectionalSecurity features-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 interfaceConnection: DB9 connectorNumber of ports: 2Serial standards: RS-232, RS-422, RS-485Operating modes: Real COM mode, TCP Server mode, TCP Client mode, UDP mode, RFC2217 mode, Pair Connection mode, Ethernet Modem mode, DisabledBaud rate: 50 bps to 921.6 kbpsData bits: 5, 6, 7, 8Stop bits: 1, 1.5, 2Parity: None, Even, Odd, Space, MarkFlow control: None, RTS/CTS, XON/XOFFRS-485 data direction control: ADDC® (automatic data direction control)Pull high/low resistance for RS-485: 1 kilo-ohm, 150 kilo-ohmTerminating resistor for RS-485: 120 ohmsSurge: 1 kVPhysical propertiesHousing: metalInstallation: desktop mounting, DIN rail mounting (with optional kit), wall mountingDimensions (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 conditionsOperating 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 ParametersInput Current: 200 mA @ 12 VDCInput Voltage: 12 to 48 VDCStandards 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: 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-66ReliabilityAlert Tools: RTC (real-time clock)Automatic reboot trigger: Built-in WDTMTBFTime: 363,327 hoursStandards: Telcordia (Bellcore) Standard TR/SR

📄 Specifications

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All details, up-to-date
prices and availability