Item no.: 385417

NPORT W2250A-T-JP - 2-port wireless device server, 3-in-1, 802.11abgn WLAN JP Band

from **514,51 EUR**

Item no.: 385417
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, avoiding the hassle of running a network cable to each device.2-Port Wireless Device Server, 3-in-1, 802.11a/b/g/n WLAN JP Band, 12 to 48 VDC, -40 to 75°C Operating temperatureEthernet interface10/100BaseT(X) ports (RJ45 connector)- 1Magnetic isolation protection- 1.5 kV (built-in)Standards- IEEE 802.3 for 10BaseT- IEEE 802.3u for 100BaseT(X)Ethernet Software FeaturesConfiguration Options- Web Console (HTTP/HTTPS), Windows UtilityManagement- DHCP Option 82, HTTP, IPv4, SMTP, SNMPv1/v2c/v3, Syslog, Telnet, Web ConsoleWindows 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 EmbeddedLinux Real TTY driver- Kernel versions: 2.4.x, 2.6.x, 3.x, 4.x, and 5.xFixed TTY Drivers- SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS XAndroid API- Android 3.1.x and higherMIB- Device Settings MIB, RFC1213, RFC1317Security- 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-256Time management- NTP client, SNTP clientWLAN interfaceWLAN standards- 802.11a/b/g/nReception sensitivity for 802.11a (measured at 5.680 GHz)- Type. -91 @ 6 Mbps- Typ. -74 @ 54 MbpsReception sensitivity for 802.11b (measured at 2.437 GHz)- Typ. -92 dBm @ 1 Mbps- Typ. -84 dBm @ 11 MbpsReception sensitivity for 802.11g (measured at 2.437 GHz)- Typ. -91 dBm @ 6 Mbps- Typ. -73 dBm @ 54 MbpsReception 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)Reception 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- OFDMTransmission 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 MbpsTransmission power for 802.11b- 16±1.5 dBm @ 1 Mbps- 16±1.5 dBm @ 11 MbpsTransmission power for 802.11g- 16±1.5 dBm @ 6 Mbps- 14±1.5 dBm @ 54 MbpsTransmission power for 802.11a- 15±1.5 dBm @ 6 Mbps- 14±1.5 dBm @ 54 MbpsTransmission power for 802.11n (2.4 GHz)- 16 dBm @ 1.5 Mbps (6.5 MHz)- 12 dBm @ 1.5 Mbps (72.2 MHz)Transmission 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 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-PersonalWLAN modes- Ad-hoc mode, infrastructure modeAntenna propertiesConnection- RP-SMA (male)Antenna type- OmnidirectionalSecurity functionsAuthentication- Local database- RADIUSEncryption- HTTPS, AES-128, AES-256, HMAC, RSA-1024, SHA-1, SHA-256, SHA-384Security protocols- SNMPv3- SSHv2- HTTPS (TLS 1.2)Serial interfaceConnector- DB9 maleNumber 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 resistor for RS-485- 1 kilo-ohm, 150 kilo-ohmsTerminating 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 (in packaging)- -40 to 75°C (-40 to 167°F)Relative humidity- 5 to 95% (non-condensing)Performance parametersInput current- 200 mA @ 12 VDCInput voltage- 12 to 48 VDCStandards and certificationsEMC- EN 55032/24EMI- CISPR 32, FCC Part 15B Class AEMS- 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 PFMF- IEC 61000-4-11Radio 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 hrsStandards- Telcordia (Bellcore) Standard TR/SR

Specifications

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