

Item no.: 384745

## NPORT W2150A-EU - 1-port wireless device server, 3-in-1, 802.11abgn WLAN EU band, 12 to 48 VDC

from **302,73 EUR**

Item no.: 384745  
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. 1-Port Wireless Device Server, 3-in-1, 802.11a/b/g/n WLAN EU band, 12 to 48 VDC, 0 to 55°C operating temperature, with EU plug Ethernet interface/10/100BaseT(X) ports (RJ45 connection): 1Magnetic 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 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 clientWLAN interfaceWLAN standards802.11a/b/g/nReception sensitivity for 802.11a (measured at 5.680 GHz)Type. -91 @ 6 MbpsTyp. -74 @ 54 MbpsReception sensitivity for 802.11b (measured at 2.437 GHz)Type. -92 dBm @ 1 MbpsType. -84 dBm @ 11 MbpsReception sensitivity for 802.11g (measured at 2.437 GHz)Type. -91 dBm @ 6 MbpsType. -73 dBm @ 54 MbpsReception 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 Mbit/s (20 MHz)Reception sensitivity for 802.11n (5 GHz; measured at 5.680 GHz)Type. -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 typeDSSSOFDMTransmission distanceUp to 100 metres (in open areas)Transmission rate802.11a/g: 54 Mbps802.11b: 11 Mbps802.11n: 6.5 to 150 MbpsTransmission power for 802.11b16±1.5 dBm @ 1 Mbps16±1.5 dBm @ 11 MbpsTransmission power for 802.11g16±1.5 dBm @ 6 Mbps14±1.5 dBm @ 54 MbpsTransmission power for 802.11a15±1.5 dBm @ 6 Mbps14±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 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)WPA2-PersonalWLAN modesAd-hoc mode, infrastructure modeAntenna propertiesConnector: RP-SMA (connector)Antenna type: OmnidirectionalSecurity functions-Authentication: Local database, RADIUS-Encryption: HTTPS, AES-128, AES-256, HMAC, RSA-1024, SHA-1, SHA-256, SHA-384-Security protocols:SNMPv3SSHv2HTTPS (TLS 1.2)Serial interfaceConnector: DB9 connectorNumber of ports: 1Serial 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: ADCC® (automatic data direction control)Pull high/low resistor 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: 547 g (1.21 lb)Antenna length: 109.79 mm (4.32 in)Environmental limitsOperating temperature: 0 to 55°C (32 to 131°F)Storage temperature (including packaging): -40 to 75°C (-40 to 167°F)Ambient Relative Humidity: 5 to 95% (non-condensing)Performance ParametersInput Current: 179 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 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 61000-4-11Radio 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 restart trigger: Built-in WDTMTBFTIME: 383,187 hoursStandards Telcordia (Bellcore) Standard TR/SR

### Specifications

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



