

Item no.: 384753

## NPORT W2150A-W4-T-EU - 1-port RS-232/422/485 wireless device server with 802.11abgn WLAN EU band, 12 to 4

from **455,54 EUR**

Item no.: 384753  
shipping weight: 0.20 kg  
Manufacturer: MOXA



### Product Description

Our wireless device servers are the ideal choice for connecting your serial or Ethernet devices—such as PLCs, meters, and sensors—to a wireless network, avoiding the hassle of running a network cable to each device. 1-port RS-232/422/485 wireless device server with 802.11a/b/g/n WLAN EU band, 12 to 48 VDC, -40 to 75°C operating temperature Ethernet Interface 10/100BaseT(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 11/10/8.1/8/7/Vista/XP/ME/98/95- Windows Server 2022/2019/2016/2012 R2/2012/2008 R2/2008/2003/2000/NT- Windows Embedded CE 5.0/6.0, Windows XP EmbeddedLinux Real TTY Drivers- Kernel Versions: 6.x, 5.x, 4.x, 3.x, 2.6.x and 2.4.xFixed TTY Drivers- macOS Versions: 10.12 to 10.15, 11.x- SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS XArm@-based Platform Support- Linux kernel 5.x/4.xVirtual Machine- VMWare ESXi (Windows 11/10)- VMware Fusion (Windows on macOS 10.12 to 11.x)- Parallels Desktop (Windows on macOS 10.12 to 11.x)Android API- Android 3.1.x and laterMIB- Device Settings MIB- RFC1213, RFC1317Security- HTTPS/SSL- User Authentication Management: local database, RADIUS- Secure Protocols: HTTPS (TLSv1.3), 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/nReceiver Sensitivity for 802.11a (measured at 5.680 GHz)- Typ. -91 @ 6 Mbps- Typ. -74 @ 54 MbpsReceiver Sensitivity for 802.11b (measured at 2.437 GHz)- Typ. -92 dBm @ 1 Mbps- Typ. -84 dBm @ 11 MbpsReceiver Sensitivity for 802.11g (measured at 2.437 GHz)- Typ. -91 dBm @ 6 Mbps- Typ. -73 dBm @ 54 MbpsReceiver 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)- Typ. -85 dBm @ 13.5 Mbps (40 MHz)- Typ. -67 dBm @ 150 Mbps (40 MHz)Modulation Type- DSSS- OFDMTransmission Distance- Up to 100 meters (in open areas)Transmission Rate- 802.11a/g: 54 Mbps- 802.11b: 11 Mbps- 802.11n: 6.5 to 150 MbpsTransmitter Power for 802.11b- 16±1.5 dBm @ 1 Mbps- 16±1.5 dBm @ 11 MbpsTransmitter Power for 802.11g- 16±1.5 dBm @ 6 Mbps- 14±1.5 dBm @ 54 MbpsTransmitter Power for 802.11a- 15±1.5 dBm @ 6 Mbps- 14±1.5 dBm @ 54 MbpsTransmitter 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 2.472 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 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 Security- WEP encryption (64-bit and 128-bit)- WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES)- WPA/WPA2-PersonalWLAN Modes- Infrastructure modeAntenna CharacteristicsConnector- RP-SMA (male)Antenna Type- Omni-directionalSecurity FunctionsAuthentication- Local database- RADIUSEncryption- AES-128- AES-256- HMAC- RSA-1024- SHA-1- SHA-256- SHA-384Security Protocols- SNMPv3- SSHv2- HTTPS (TLS 1.3)Wireless Security- WEP- WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS support EAP-TLS 1.3)- WPA/WPA2-PersonalHardware-based Security- Secure BootSerial InterfaceConnector- DB9 maleNo. of Ports- 1Serial Standards- RS-232- RS-422- RS-485Operation Modes- Real COM mode- TCP Server mode- TCP Client mode- UDP mode- RFC2217 mode- Pair Connection mode-Ethernet Modem mode- DisabledBaudrate- 300 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-ohmsTerminator for RS-485- 120 ohmsSurge- 1 kVPhysical CharacteristicsHousing- MetalInstallation- Desktop- DIN-rail mounting (with optional kit)- Wall mountingDimensions (with ears, without antenna)- 100 x 111 x 26 mm (3.94 x 4.37 x 1.02 in)Dimensions (without ears or antenna)- 77 x 111 x 26 mm (3.03 x 4.37 x 1.02 in)Weight- 185 g (0.41 lb)Antenna Length- 108 mm (4.25 in)Environmental LimitsOperating Temperature- Standard Models: 0 to 55°C (32 to 131°F)- Wide Temp. Models: -40 to 75°C (-40 to 167°F)Storage Temperature (package included)- -40 to 75°C (-40 to 167°F)Ambient Relative Humidity- 5 to 95% (non-condensing)Power ParametersInput Current- 429 mA @ 12 VDCInput Voltage- 12 to 48 VDCStandards and CertificationsEMC- EN 55032/35EMI- 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 301489-1/-17), MIC, KC, RCM, WPCSafety- UL 62368-1- IEC 62368-1ReliabilityAlert Tools- RTC (real-time clock)Automatic Reboot Trigger- Built-in WDTMTBFTime- 1,356,464 hrsStandards- Telcordia SR332

### Specifications

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



