



Features

> Standards

- IEEE 802.11 a/b/g/n
- IEEE 802.11i
- IEEE 802.3
- IEEE 802.3u
- USB 2.0

> Hardware

- 400MHz ARM 9 processor
- 64MB SDRAM
- 64MB Standard NAND Flash

> Wireless

- Frequency Range – 2.412 - 2.484, 4.900 - 5.925 GHz
- Typical Receive Sensitivity
 - 802.11 b/g/n (2.4GHz)
 - -71.0 dBm (<10% PER) @65Mbps
 - -74.0 dBm (<10% PER) @54Mbps
 - -94.0 dBm (<8% PER) @1Mbps
 - 802.11 a/n (5GHz)
 - -69.0 dBm (<10% PER) @65Mbps
 - -72.0 dBm (<10% PER) @54Mbps
 - -88.0 dBm (<10% PER) @6Mbps
- Typical Transmit Power
 - 17 dBm for 802.11b DSSS
 - 17 dBm for 802.11b CCK
 - 15 dBm for 802.11g/n OFDM
 - 12 dBm for 802.11a/n

> Physical Interface

- (2) DB9M (DTE) Serial Connectors
 - Software selectable RS-232/422/485
 - Data rates – up to 921 Kbps
 - 15 KV ESD Protection
- (2) USB ports – Type A Host Connectors
- (1) RJ45 Ethernet port
 - 10/100Mbps
 - 1.5 KV Surge Isolation
- (1) Reset Button
- (1) WPS Button
- (1) 12VDC Plug-in Connector
- (1) Power Terminal Block
 - 9 to 30 VDC

> LED Indicators

- Power
- Status
- Wi-Fi Wireless Signal Strength
- (2) USB
- (2) Serial
- RJ45 Ethernet (Activity/Link)

> Physical Dimensions

Size: L x W x H
11cm (4.3 in) X 8.9cm (3.5 in) x 2.6cm (1.0 in)
Weight: 0.35 kg (0.77 lb)

> Supported Software and Features

- DeviceInstaller™ supports:
 - Windows
 - XP/Vista
 - 7 (32/64-bit versions)
 - Server 2003/2008 (32/64-bit versions)
- Secure Com Port Redirector™
- Lantronix SmartRoam™
- QuickConnect
- Wireless Bridging

> Security

- Ethernet
 - SSL v3 (2048-bit), SSH v2 (1024-bit) Client & Server
 - Encryption: AES-CCMP, 3DES, RC4
 - Authentication: SHA-1, MD5, Base-64
- Wireless
 - Encryption: TKIP, WEP (64/128-bit), WPA, WPA2, AES-CCMP
 - Authentication: PSK, EAP (TLS, TTLS, PEAP)

Ordering Information

United States

Call: 800.422.7055
Email: sales@lantronix.com
Buy Online: <http://www.lantronix.com>

Europe

Call: +31 (0) 76.52.3.6.74 4
Email: EMEA@lantronix.com

Asia/Pacific

Call: +852 3428.2338
Email: asiapacific_sales@lantronix.com

Japan

Call: +81.3.6277.8802
Email: japan_sales@lantronix.com

> Part Number

PXN210002-01U

PXN210002-01E

PXN210002-01J

> Description

PremierWave XN 802.11a/b/g/n Device Server without I/O, 2 x Serial, 2 x USB, 10/100Mbps, Universal Power Supply 100-240 VAC, US

PremierWave XN 802.11a/b/g/n Device Server without I/O, 2 x Serial, 2 x USB, 10/100Mbps, Universal Power Supply 100-240 VAC, EUROPE

PremierWave XN 802.11a/b/g/n Device Server without I/O, 2 x Serial, 2 x USB, 10/100Mbps, Universal Power Supply 100-240 VAC, JAPAN

> Accessories

930-033-R

External Antenna for PremierWave XN
2.15 dBi, Reverse Polarity, SMA Connector

520-090-R

External Power Supply with Regional
Adapters, 100-240 VAC, 50-60Hz, 12 VDC @ 1A

> Management

- Web Manager (SSL option for secure login)
- CLI (over Serial Ports, Telnet or SSH)
- XML Configuration Records via CLI or FTP
- Supports SNMP v2

> Environmental

- Operating Temp: -40° to 70° C (-40° to 158° F)
- Storage Temp: -40° to 85° C (-40° to 185° F)
- Relative Humidity: 5 to 95%, Non-condensing
- IP Rating: 30
- ESD tolerance: Contact Discharge= 4Kv; Air Discharge=8Kv

> Power

- Input: 2 x DC (barrel and terminal), 9-30 VDC
- Power Consumption: Without USB Load 9V= 1.76W, 30V= 2.25W; Full USB Load 9V= 7.2W, 30V= 8.1W
- Power Supply (100-240 VAC, 50-60 Hz, 12 VDC @ 1A) with regional adapters

> Certifications

- Emissions – FCC, CE, IC, C-Tick
- Safety – UL
- Wi-Fi
- REACH
- RoHS

> Warranty

- 5-Year Limited

