



## XN-2521

### IEEE 802.11n draft 2.0 2.4GHz Wireless LAN Router

- Draft 2.0 802.11n speeds 2.0 802.11n Up to 5x faster than 802.11g
- MIMO technology, with two external antennas
- Internet-sharing Router and 4-port Switch, with a built-in speed and range enhanced Wireless AP
- Greater coverage for home or office
- Intelligent QoS technology for VoIP and multi-media applications

#### Ultimate Performance

XN-2521 is a draft 2.0 802.11n wireless router that delivers incomparable wireless performance for your environment. This wireless router delivers up to 5x faster speeds than 802.11g while staying backward compatible with 802.11g and 802.11b networks.

#### EZ Security Setup

With WPS support, the highest level of security will be automatically established between XN-2521 and WPS-enabled wireless clients to protect the wireless traffic from hackers or unauthorized users.

The XN-2521 is equipped with EZ Security setup. Simply with one button pushed, users can easily configure the wireless client to connect with XN-2521.

#### Enhanced Multimedia Support

XN-2521 employed WMM (WiFi Multimedia) technology, enabling multimedia applications to secure the largest bandwidth share on a wireless network. Complying to the IEEE802.11e WLAN QoS draft standard, this product will improve users' Internet experience from plain data transmission to rich multimedia enjoyment without waiting.

\*Draft-N compliance refers to the compliance of IEEE802.11N draft v2.0

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**FORMOSA**  
Wireless Systems Corp.





Product Description			
IEEE 802.11n WIRELESS LAN Router			
Lead-Free			
RoHS Compliant			
Radio			
Antenna	2 Un-detachable External Dipole		
Antenna Gain	2dBi		
Output Power (Typical)	IEEE 802.11g • 54Mbps: 14dBm	802.11b • 11Mbps: 14dBm	IEEE 802.11n: HT20: 13dBm (Two Antenna) HT40: 12dBm (Two Antenna)
Sensitivity	IEEE 802.11g @ PER 10% 54Mbps $\leq$ -65dBm	IEEE 802.11b @ PER 8% 11Mbps $\leq$ -80dBm	IEEE 802.11n HT20 $\leq$ -62dbm HT40 $\leq$ -59dbm
Modulation	IEEE 802.11g (OFDM) 64QAM, 16QAM, QPSK, BPSK	IEEE 802.11b (DSSS) CCK, DQPSK, DBPSK	Draft EWC 11n: BPSK, QPSK, 16-QAM, 64-QAM
Operating Frequency	USA (FCC) 11 Channels: 2.412GHz~2.462GHz Europe (ETSI) 13 Channels : 2.412GHz~2.472GHz Japan (ARIB) 13 Channels : 2.412GHz~2.472GHz		
Hardware Specification			
<ul style="list-style-type: none"> <li>• WAN: One 10/100Base-T Ethernet, Full-duplex with Auto MDI/MDIX Support</li> <li>• LAN: Four 10/100Base-T Ethernet, Full-duplex with Auto MDI/MDIX Support</li> <li>• Memory Size: Flash 8MB; SDRAM 32MB</li> <li>• Power Supply: 12V DC, 1A</li> <li>• Reset Button: Reset to Factory Default</li> <li>• EZ Configuration Button: WPS Support*</li> </ul>			
Software Specification			
Wireless	<ul style="list-style-type: none"> <li>• 64/128-bits WEP; IEEE 802.1x Security (EAP-TLS, EAP-TTLS, EAP-PEAP); IEEE 80211i Support</li> <li>• IEEE 802.11e standard Support (WMM)</li> <li>• WPS Support*</li> </ul>		
Networking & Internet Access	<ul style="list-style-type: none"> <li>• DHCP Server/ Client</li> <li>• PPPoE, L2TP &amp; PPTP</li> <li>• NAT with Virtual Server &amp; Port Forwarding</li> <li>• DNS relay</li> <li>• DDNS</li> <li>• VPN Pass-through</li> <li>• Firewall</li> </ul>		
Physical Specification			
Dimension	189.4*133.3*27.9mm		
Weight	TBD		
Environmental Specification			
	Temperature (Ambient)	Humidity (Non-condensing)	
Operating	Operating	90%	
Storage	-10~65°C	5~95%	
Warranty			
12 Months			

