

XN-2521 IEEE 802.11n WLAN Router

AirRunner™ 802.11n Series

The wireless market continues to find new direction, gaining momentum from the advent of technological advancement, providing ever greater flexibility and performance. Some of the latest advancement for home and small office applications comes in the form of 802.11n communications. Zcomax is proud to present their latest offering in the 802.11n sector, the XN-2521.

The XN-2521 is offers the technology you need with the convenience and price to keep it within reach. Featuring 802.11n wireless technology the XN-2521 offers the fastest connections for all your multimedia and information needs. The Wireless access point offers the convenience of wireless for your mobile-ready devices with the convenience of DHCP addressing and other advanced routing functions and the latest security features and encryption. The 4-port Ethernet router allows easy, hardwired connectivity as well.

For more details such as availability, samples and pricing in regards to the XN-2521 or any other of our wireless products, please contact a sales representative today.



XN-2521 Wireless Router

Key Features

- 802.11n Draft 2.0 Compliant
- Reliable Atheros Chipset
- Proprietary AES Security
- Full Routing and Internet Protocol Support
- Remote upgrade and Software Management

XN-2521 at a Glance

Chipset	Atheros AR9130 Processor Atheros AR9102 RF
Transmit Power*	16* dBm @ 11 Mbps data rate
Receive Sensitivity*	-85* dBm @ 11 Mbps data rate
Antenna/Connector	2 Detachable 2dBi Dipole Antennas

* Discounting antenna gain

IEEE	Radio	RoHS	Interface
			



Radio Specification				
Standard	802.11n Draft 2.0			
Modulation	OFDM (BPSK, QPSK, 16-QAM, 64-QAM); DSSS (DBPSK, DQPSK, CCK)			
RF Frequency	2.412GHz ~ 2.462GHz (Check you local regulations for approved channels)			
DDR	32Mbyte			
Flash	4Mbyte			
CPU	400MHz			
Antenna	2 Antennas: 2 x 2:2 Configuration			
WAN Port	1 Port			
LAN Port	4 Ports			
Ethernet PHY	10/100			
Hardware Buttons	WPS; Reset			
System Update Capability	Support for web upgrade via Ethernet port or wireless network; TFTP support			
Output Power (+/-2dB)	802.11n HT 20	802.11n HT 40	802.11g	802.11b
	15dBm	11dBm	15dBm @ 54Mbps	16dBm @ 11Mbps
Receiver Sensitivity	802.11n HT 20	802.11n HT 40	802.11g	802.11b
	≤ -65dBm	≤ -62dBm	≤ -68dBm @ 54Mbps	≤ -85dBm @ 11Mbps

Firmware Specification	
Internet Access	PPPoE; PPTP; L2TP; DHCP Client; MAC address filtering through WLAN (32 users supported); TCP, UDP, TCMP, ICMP, ARP; IEEE 802.1d compliant bridging
Operating Mode Alternatives	- Router with Access Point - WDS - NAT Bypass (Bridge Mode)
Management	- Web-based configuration and management interface - DHCP Server - NTP Client
Wireless LAN Features	- Limitation Of Client Connections - Intra BSS Blocking - Auto Channel Selection - Output Power Management - QoS
Wireless LAN Security	- 64/128-bit WEP - IEEE 802.11x Security (EAP-TLS, EAP-TTLS, LEAP, EAP-PEAP, Win XP PEAP) - WPA/WPA2 - Proprietary AES support in WDS mode WPS Support (PIN and PBC) - MAC Address filtering through WLAN (up to 32 users)
Router Features	- NAT with virtual server and port forward functions - PAT/NAPT - ALG Support - DMZ - DDNS - Firewall with packet filtering and network access rules - IGMP Proxy - VPN IPSec Pass-through - uPnP and In Rally Support

Standardization	
RF	IEEE 802.11n D.2.0
	IEEE 802.11g
	IEEE 802.11b
Ethernet	802.3u MDI / MDIX 10/100 Fast Ethernet

Physical Specification	
Dimensions	189.4mm(L) x 133.3mm(W) x 27.9mm(H)
Working Temperature	-0°C to 50°C, 95% relative humidity (non-condensing)
Power Requirement	12V DC @ 1A (switching)
Power Consumption	≤ 550mA

Warranty	
Warranty Period	1 Year limited warranty from the date of purchase
Warranty Plan	Zcomax Repair / Replacement Program