



XN-2050

IEEE 802.11n 2.4GHz Wireless LAN Router

- High-speed Wireless-N (802.11n) networking, Data Rate up to 300Mbps for 40MHz
- Green WLAN & Green Ethernet
- IGMP Snooping / Proxy
- Hardware QoS without throughput reduce
- Tender / Telco Market Spec Support
- NAT supported in native TELCO grade Multi-Layer Fast Ethernet Switch

Ultimate Performance

XN-2050 is a 802.11n wireless broadband 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.

Easy Security Setup

With WPS support, the highest level of security will be automatically established between XN-2050 and WPS-enabled wireless clients to protect the wireless traffic from hackers or unauthorized users. The XN-2050 is equipped with easy security setup. Simply with one button pushed, users can easily configure the wireless client to connect with XN-2050.

Enhanced Multimedia Support

XN-2050 employed WMM (WiFi Multimedia) technology, enabling multimedia applications to secure the largest bandwidth share on a wireless network. Complying to the IEEE 802.11e WLAN QoS draft standard, this product will improve users' Internet experience from plain data transmission to rich multimedia enjoyment without waiting.

Product Description			
IEEE 802.11n Wireless 2.4GHz Wireless Broadband Router			
Power Requirements			
12VDC @1000mA			
Antenna			
Antenna	2 un-detachable with 2dBi Dipole Antenna , (2 Tx , 2 Rx)		
Radio			
Output Power @ 25°C (± 2dB)	IEEE 802.11b 16dBm @ 11Mbps. (One antenna)	IEEE 802.11g 14dBm @ 54Mbps. (One antenna)	IEEE 802.11n 15dBm @ HT20(Two antenna) 15dBm @ HT40(Two antenna)
Sensitivity	IEEE 802.11b 11Mbps ≤ -84dBm	IEEE 802.11g 54Mbps ≤ -71dBm	IEEE 802.11n 2.4GHz HT20 ≤ -67dBm HT40 ≤ -64dBm
Operating Frequency	<ul style="list-style-type: none"> ◆ North America : 2.412 GHz ~ 2.462 GHz (CH1 ~ CH11) ◆ Japan : 2.412 GHz ~ 2.484 GHz (802.11b only ; 802.11g : CH13) Europe ETSI : 2.412 ~ 2.472 GHz 		
Modulation	OFDM/BPSK/QPSK/CCK/PBCC/DQPSK/DBPSK		
Software Specification			
Security	<ul style="list-style-type: none"> •WPA/WPA2 support •WPS Support •IEEE 802.1x security (EAP-TLS,EAP-TTLS,LEAP,EAP-PEAP and Win XP PEAP included) •64/128-bits WEP •MAC address filtering •Support MAC Clone (single Ether device) and NAT2.5 (Multiple Ether clients) •Support multiple SSID 		
Features	<ul style="list-style-type: none"> •NAT/NAPT. ALG for :FTP, NetMeeting, SIP, VPN pass-through with multiple sessions (IPSEC,L2TP,PPTP) •Virtual DMZ •Port forwarding •NTP •DDNS •Firewall with packet filtering and network access rules •URL filtering and DoS (Deny of Service) •QoS supported by IP or MAC address •UPnP IGD 		
Physical Specification			
Dimension	148mm(L) * 129mm(W) * 101mm(H)		
Weight	≤ 220 g		
Environment Specification			
Operating Temperature	0 ~ 55 °C		
Storage Temperature	-20 ~ 70 °C		
Operating/Storage Humidity	20 to 95% RH		
Warranty			
12 months			



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