

Nyx300

Wireless-N router



ARNEL304U1



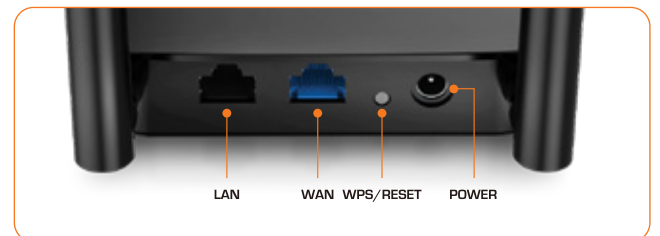
Superb wireless performance, made simple

Overview

The new **Nyx 300** wireless router is the ideal solution for home and office users who like to email, chat, stream video, surf the web, download media, and online gaming. With two omnidirectional antennas, it is capable of delivering speeds over 6 times faster than traditional 802.11g products. This router has been devised to be conveniently setup and complies with IEEE802.11n standard. With rock solid connectivity and greatly improved speeds, the Nyx allows for signals to travel fast and further, ensuring optimum performance for sharing your broadband internet connection with multiple computers over a secured wireless network.

Highlights

- Wireless-N router
- Delivers wireless speeds of up to 300Mbps
- Two 10/100Mbps ports
- Wireless router, universal repeater, access point operating modes
- Guest access for segmented networks
- Parental control settings
- Bandwidth control prioritizes traffic for bandwidth intense applications
- Advanced wireless encrypted security
- Transmission power control
- WDS wireless bridge to easily connect and expand your network



Technical specifications

Nyx300	
Hardware features	
Standards	IEEE802.3, IEEE802.3u
Protocols	CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNMP, IPv4
Ports and interface	One 10/100Mbps WAN port One 10/100Mbps LAN port
Antennas	Two 5dBi omnidirectional antennas
Wireless features	
Standards	IEEE 802.11 b/g/n 2.4GHz
Frequency band	2.4GHz
Wireless rate	2.4GHz: 300Mbps
Radio data rate	IEEE 802.11n: up to 300Mbps IEEE 802.11g: up to 54Mbps IEEE 802.11b: up to 11Mbps
Channels	2.4G: 5-11
Channel width	20MHz / 40MHz
Security	WPA-PSK/WPA2-PSK, WPA/WPA2, WEP
Operating modes	Wireless router, Access point, Repeater
Wireless function	Wireless security: Enable/Disable WPS (Wi-Fi Protected Set-up) fast encryption SSID broadcast: Enable/Disable Transmission power control ACL (Access Control List)
RF power	2.4GHz: CCK: 20dBm, 11g: 17dBm, HT20MCS7: 16dBm, HT40MCS7: 16dBm
Software features	
Internet connection type	Dynamic IP, PPPoE, Static IP
DHCP	DHCP server, DHCP client, DHCP server disabled
Security	IP binding, ACL, Black/White list, Firewall, Remote management
Firewall	IP filtering, MAC filtering, URL filtering, Host filtering, IP login settings, Block port scanning, Block SYN flood, SPI firewall
Bandwidth control	Included
DDNS	3322.org / ods.org / no-ip / dhs.org / easydns / Dyndns.org freedns.afraid.org / zoneedit / tzo / sitelutions / dnsomatic / zerigo
Virtual server	Port forwarding, DMZ host, UPnP
VPN	Pass through: PPTP, L2TP, IPsec
Other advanced functions	Network diagnosis, Bandwidth control, Guest network, Traffic control, NTP settings, MAC clone, Static routing, System tool, System log, Backup and restore, Firmware update, Network statistics
Environment	
Operating temperature	32°F-104°F
Storage temperature	-40°F -158°F
Relative humidity	Operating humidity: 10%-90% non-condensing Storage humidity: 5%-90% non-condensing
Physical appearance	
Housing	ABS plastic
Color	Black
Dimensions	5.5x3.9x1.2in
Weight	0.3lb
Additional information	
Power	5V/1A
Warranty	5 years
Certificates	FCC