

Nyx1200-AC

Dual-band | AC wireless router



ARNEL904U1



GUEST ACCESS & PARENTAL CONTROL



Wireless-AC
1200Mbps



Universal repeater mode



Simultaneous dual-band
2.4/5.0GHz



Beamforming technology

Discover a faster, more reliable internet performance

Product overview

The **Nyx1200-AC** is the new generation of Dual-Band Wireless AC Routers to join the Nexxt Solutions family. Transmission speeds up to 1200Mbps, 867Mbps using the 5.0GHz band and 300Mbps on the 2.4GHz band, makes this an ideal solution for homes and small businesses with multiple devices.

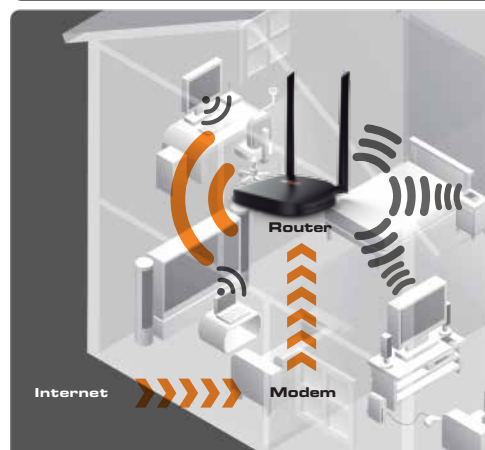
This compact router supports WDS bridge so it can work as an access point and wireless repeater at the same time. Incorporated bandwidth control prioritizes traffic to bandwidth intensive applications like HD streaming and important file sharing. Guest networks can be conveniently setup in order to segment and protect your personal network. The **Nyx1200-AC** has been designed to keep up with the modern day demand of homes and small offices.

Highlights

- Wireless AC router
- Simultaneous Dual-Band for max throughput
- 1200Mbps (300Mbps at 2.4GHz / 867Mbps at 5.0GHz)
- Features one (1) WAN and two (2) LAN 10/100Mbps ports
- Wireless router and universal repeater operating modes
- Beamforming technology creates a direct link for data transmission
- Guest access for segmented networks
- Parental control settings
- Bandwidth control prioritizes traffic for bandwidth intense applications
- Advanced wireless encrypted security
- WDS wireless bridge to easily connect and expand your network
- Up to 4 times higher transmission speeds than 300Mbps wireless-N



Application diagram



Technical specifications

Nyx1200-AC	
Hardware features	
Standards	IEEE802.3, IEEE802.3u
Protocols	CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, IPv4 and IPv6
Ports and interface	One 10/100Mbps WAN port Two 10/100Mbps LAN ports
Antennas	Two 5dBi omnidirectional
Buttons	Reset, WPS
LED indicators	System/Power, WPS, 2.4GHz, 5GHz, LAN
Wireless features	
Standards	IEEE 802.11ac/a/n 5GHz IEEE 802.11 b/g/n 2.4GHz
Frequency band	2.4GHz and 5GHz
Wireless rate	300Mbps 2.4GHz: + 5.0GHz: 867Mbps
Radio data rate	IEEE 802.11ac: up to 867Mbps IEEE 802.11n: up to 300Mbps IEEE 802.11g: up to 54Mbps IEEE 802.11b: up to 11Mbps
Channels	2.4G :1-13 5G: 36-165
Channel width	20MHz / 40MHz / 80MHz
Security	WPA-PSK/WPA2-PSK
Operation mode	Wireless router Universal repeater, WISP
Wireless function	Wireless security: enable/disable WPS (WiFi Protected Set-up) fast encryption SSID broadcast: enable/disable Transmission power control Fast roaming: enable/disable Wi-Fi burst mode: enable/disable Wi-Fi anti-interference: enable/disable Wi-Fi multimedia (WMM): enable/disable Wi-Fi smart frequency: enable/disable Antenna redundancy: enable/disable ACL (access control list) Beamforming technology
RF power	5GHz: 11g: 15dBm, HT20MCS7: 14dBm, HT40MCS7: 14dBm, HT80MCS9: 13dBm 2.4GHz: CCK: 20dBm, 11g: 17dBm, HT20MCS7: 17dBm, 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, 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	Passthrough: PPTP, L2TP, IPSec
Other advanced function	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	9V/0.8A
Certificates	FCC
Warranty	Five years