NEXXT SOLUTIONS

CONNECTIVITY

Professional Series

Nyx2600-AC
Dual-band AC wireless router

ARLGL174U1

AC 2600Mbps WIRELESS SPEEDS COMBINED **5 YEAR WARRANTY** Must register at: nexxtsolutions.com/warranty

ULTIMATE RANGE

GUEST ACCESS & PARENTAL CONTROL

More Bandwidth
More streaming

Wireless-AC
2600Mbps

Simultaneous dual-band
2.4/5.0GHz

Universal repeater
mode

Beamforming
technology
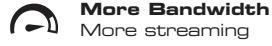
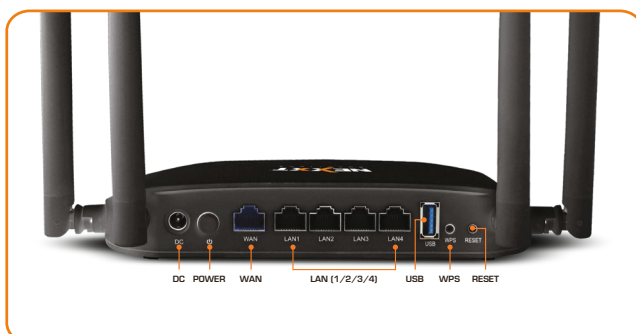
Speed. Range. Wi-Fi without limits

Overview

The **Nyx2600-AC** is the new generation of Dual-Band Wireless AC Routers to join the Nexxt Solutions family. Transmission speeds up to 2600Mbps, 1733Mbps using the 5.0GHz band and 800Mbps on the 2.4GHz band, makes this an ideal solution for whole HD coverage for multiple devices across your home or office network. This 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 video streaming, online gaming, large file transfer or seamless surfing. Guest networks can be conveniently setup in order to segment and protect your personal network. Th Nyx2600-AC is the router to keep up with modern day demands of a smart and fully connected environment.

Highlights

• Wireless AC router
• Simultaneous dual-band for max throughput
• 2600Mbps (800Mbps at 2.4GHz / 1733Mbps at 5.0GHz)
• Features five (5) 10/100/1000Mbps ports
• Wireless router and universal repeater and WISP 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
• Wi-Fi Protected Setup (WPS) easily creates a network
• Up to 6 times higher transmission speed than 300Mbps Wireless-N

DC   POWER   WAN   LAN (1/2/3/4)   USB   WPS   RESET

AC 2600Mbps **5** YEAR
WIRELESS SPEEDS COMBINED WARRANTY
*Must register at nexxtsolutions.com/warranty
ULTIMATE RANGE

www.nexxtsolutions.com

Technical specifications

MPN	Nyx2600-AC
Hardware features	
Standards	IEEE802.3, IEEE802.3u
Protocols	CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP and IPv4
Ports and interface	One 10/100/1000Mbps WAN port Four 10/100/1000Mbps LAN ports
Antennas	Four 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	2.4GHz: 800Mbps + 5.0GHz: 1733Mbps
Radio data rate	IEEE 802.11ac: up to 1733Mbps IEEE 802.11n: up to 800Mbps 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 and Universal repeater mode
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
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	7.3x5.7x1.3in
Weight	1.1lb
Additional information	
Power	12V/2A
Certificates	FCC
Warranty	Five years