Bolt AX3000 Plus

Nexxt Home Mesh

Coverage of up to 2,500 ft²

Guest network

Parental Control

4 GB ports

Low latency

Nexxt Home application

True Mesh* technology

Works as a router

Voice control

2-year warranty



Wi-Fi 6

Supports up to 150 devices

Your home in one app

Turn any device into a smart device

The latest generation of mesh Wi-Fi® systems from Nexxt® Solutions is what you need to give your internet connection the most advanced in wireless networks. The **Bolt AX3000** node offers 2,500 ft² of coverage ** —a much greater reach than a conventional router or amplifier— and a capacity of up to 150 connected devices at the same time. Its ultra-fast speed with Wi-Fi 6 technology provides a stable, secure signal, ideal for gaming and 4K streaming. Also, you can manage the node with an app on your phone or through a web UI on your computer. And remember, you can extend the coverage with other Nexxt nodes to create an even greater coverage mesh.

Highlights

- Ultra-speed Wi-Fi 6 up to 3,000 Mbps**: 2,402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz
- Covers every corner of your home under the same Wi-Fi network using a Mesh network *
- Coverage of up to 2,500 ft² ** per node
- You can connect up to 150 devices per node**
- GB ports allow a download speed of up to 3,000 Mbps combined**
- Improve your gaming skills by reducing the latency
- Easy management through Nexxt Home app
- Parental control and guest network
- Works as a router, bridge, repeater, and mesh*

works with alexa

works with Google Home

Works with Siri

simple, better, smart

Bolt AX3000 Plus

Nexxt Home Mesh

Characteristics

MPN	NCM-X3000
Hardware features	
CPU	900MHz Dual core
Ports and interface	3 x 10/1,000 Mbps LAN 1 x 10/1,000 Mbps WAN
Number of antennas	5
Buttons	Mesh button Reset button
LED indicator	Solid Red: Offline Blinking Red: App Pairing, Solid Blue: Online Blinking blue: Mesh pairing
Wireless features	
Standards	IEEE 802.11 b/g/n/ax 2.4GHz IEEE 802.11 b/g/n/ac/ax 5GHz
Wi-Fi speed**	5.0GHz: 2,402 Mbps 2.4GHz: 574 Mbps
Radio data rate**	IEEE 802.11ax: Up to 1,201 Mbps IEEE 802.11ac: Up to 867 Mbps IEEE 802.11n: Up to 300 Mbps IEEE 802.11g: Up to 54 Mbps IEEE 802.11b: Up to 11 Mbps
Channels	2.4G: 1-11 5G: 36-165
Channel width	20MHz / 40MHz / 80MHz
Wi-Fi encryption	WPA-PSK WPA2-PSK WPA3
Coverage per node	2,500 ft^2
Number of devices supported	Up to 150
MU-MIMO	Supported
Beamforming	Supported
Airtime fairness	Supported
OFDMA	Supported
Working mode	PPPOE DHCP Static IP Bridge Repeater
Maximum number of nodes in the mesh network	Up to 4 nodes within the same mesh network
Other wireless functions	Transmission power control Guest network
Software features	
Protocols	IPv4 IPv6
WAN types	Dynamic IP PPPoE Static IP
DHCP	DHCP server DHCP client
Parental control	Time controls
Firewall	DoS attack protection
NAT forwarding	Port forwarding UPnP
DDNS	Supported

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IPTV	IGMP proxy IGMP snooping Bridge Tag VLAN
USB sharing	Not supported
VPN	Supported
App	Supported (Nexxt Home)
Web UI	Supported
TR069	Supported
Other advanced function	Guest Network Easy Mesh Online firmware update QoS Maintenance schedule
Physical appearance	
Housing	ABS Plastic
Color	Dark Grey
Product dimensions	Node: 7.87 x 3.94 x 2.36 in Power adapter cord length: 4.9 ft CAT 6 Ethernet cable length: 4.9 ft
Product weight	15.87 oz (stand-alone node)
Package content	Wireless mesh node (1) Power adapter (1) CAT 6 Ethernet cable (1) Quick setup guide (1)
Additional information	
System requirements	Nexxt Home app Android™ 4.4 or later iOS 9.0 or later
Power	12V/1A
Warranty	Two years
Environment	
Operating temperature	32 °F ~ 113 °F
Storage temperature	-4 °F ~ 158 °F
Relative humidity	5%-95% (non-condensing)

*At least one additional node is required for Mesh, network bridge, and booster modes.
**The highest wireless signal rates are the physical rates derived from the IEEE 802.11 standard. The number of connected devices and data performance and wireless coverage are not guaranteed and may differ depending on network conditions, environmental factors (such as building materials or obstacles), traffic density and volume, and client location and limitations.

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