

WiFi 6 Dual Band Router



The Best 5G Solution for Edge-of-Network and Challenging Locations



NX30

The NX30 wireless dual band router is 3-in-1 device that combines the functions of a high speed 4-port NAT router and wireless AX access point. It is designed to provide end-users with a one-stop solution to acquiring and sharing high-speed Internet access over a wired/wireless network.

It is equipped with the next generation 802.11AX Wi-Fi technology, will offer you simultaneous dual band connection with 2400Mbps wireless speeds over the crystal clear 5GHz band and 573Mbps over the 2.4GHz band, Ideal for faster downloading, Online gaming, Internet calling and HD video streaming.

All Gigabit port for WAN/LAN, Compared with the FE port, transmission speed increased by 10 times. With a USB2.0 port for USB storage/SMB/ Printer.

Features & Benefits



Dual Band WiFi 6

Faster speed, Greater capacity and less network congestion.



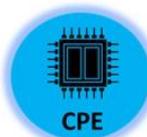
Next-Gen Speed

Enjoy smooth streaming, downloading and gaming without buffering with Wi-Fi speeds of 3.0 Gbps.



Connect More Devices

Wi-Fi 6 technology communicates more data to more devices with revolutionary OFDMA technology while simultaneously reducing latency



Dual-Core Processing

The 1GHz Dual-core CPU makes the communications between your router and all connected devices stable and smooth



Extensive Coverage

Beamforming and four antennas combine to deliver focused signal to devices far away, it also supports Easy mesh R2 stander, 3 pcs NX30 can cover your 500m² big house easily.



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Coiler Corporation offers an extensive portfolio of indoor and outdoor repeaters for RF signal enhancement. Our products allow mobile network carriers, system integrators and cell phones users to quickly and cost-effectively address coverage considerations and improve reception in iDEN, CDMA, GSM, DCS, PCS, UMTS, WiMAX and LTE networks. Some global operators such as Vodafone, Orange, T-Mobile, Telefonica o2, Telenor, Tele2, Singtel, KPN and others have trusted our experience and expertise.

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Technical Specification

• Wireless

Standard	Wi-Fi 6 IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Signal Rate	Up to 574Mbps 2.4GHz Up to 2402Mbps 5GHz
WiFi Speeds	AX 3000 5 GHz: 2400 Mbps (802.11ax) 2.4 GHz: 574 Mbps (802.11ax)
WiFi Range	<u>3 Bedroom Houses</u> 4×Fixed High-Performance <u>Antennas</u> Multiple antennas form a signal-boosting array to cover more directions <u>Beamforming</u> Concentrates wireless signal strength towards clients to expand WiFi range <u>High-Power FEM</u> Improves transmission power to strengthen signal coverage
WiFi Capacity	<u>Dual-Band</u> Allocate devices to different bands for optimal performance <u>OFDMA</u> Simultaneously communicates with multiple Wi-Fi 6 clients <u>Airtime Fairness</u> Improves network efficiency by limiting excessive occupation <u>4 Streams</u> Connect your devices to more bandwidth
WiFi Modes	Router Mode, Access Point Mode.

• Hardware

Processor	1GHz Dual-Core CPU
Main Chipset	ZX279128R+ MT7916+MT7976D
DDR/FLASH	256MB/128MB
Interface	1x Gigabit WAN Port /3x Gigabit LAN Ports
Button	WPS/MESH 、 RESET
Power	DC 12V / 1.5A

• Security

WiFi Encryption	WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
Network Security	SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway
Guest Network	2×5 GHz Guest Network /2×2.4 GHz Guest Network

• Software

Protocols	IPv4, IPv6
Parental Controls	URL Filtering, Time Controls
WAN Types	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
NAT Forwarding	Port Forwarding, Port Triggering, DMZ, UPnP
IPTV	IGMP Proxy, IGMP Snooping, Bridge, Tag VLAN
DHCP	Address Reservation, DHCP Client List, Server
Management	Web based Configuration (HTTP),Remote Management, Telnet Management,,SNMP, Web Based Firmware Upgrade, CWMP, Diagnostic Tools.TR069,TR143,TR181,TR098
DDNS	NO-IP, DynDNS

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Technical Specification

- Physical**

Dimensions(WxDxH) 9.3×5.7×2.0 in(236.0×144.0×50.0 mm)

- Others**

System Requirements Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
Cable Subscription with an internet service provider (for internet access)

Environment

Operating Temperature: 0°C~40°C (32°F ~104°F)
Storage Temperature: -40°C~70°C (-40°F ~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing

LED Information



Front View

Name	Status	Indication
Power 	Solid on	Power on
	Off	Power off
Internet 	Solid on	Internet is available
	Off	Internet isn't available
MESH 	Blinking	MESH is connecting
	Solid on	MESH connection succeeded
	Off	MESH isn't connected
WiFi 	Solid on	WiFi is available
	Off	WiFi isn't available
LAN3 3	Solid on	LAN3 port is connected
	Off	LAN3 port isn't connected or Unidentified
LAN2 2	Solid on	LAN2 port is connected
	Solid on	LAN2 port is connected
LAN1 1	Solid on	LAN1 port is connected
	Off	LAN1 port isn't connected or Unidentified
WAN 	Solid on	WAN port is connected
	Off	WAN port isn't connected or Unidentified



Back View



- WPS/MESH
- RESET
- 1x Gigabit WAN Port
- 3x Gigabit LAN Ports
- AC Power Port

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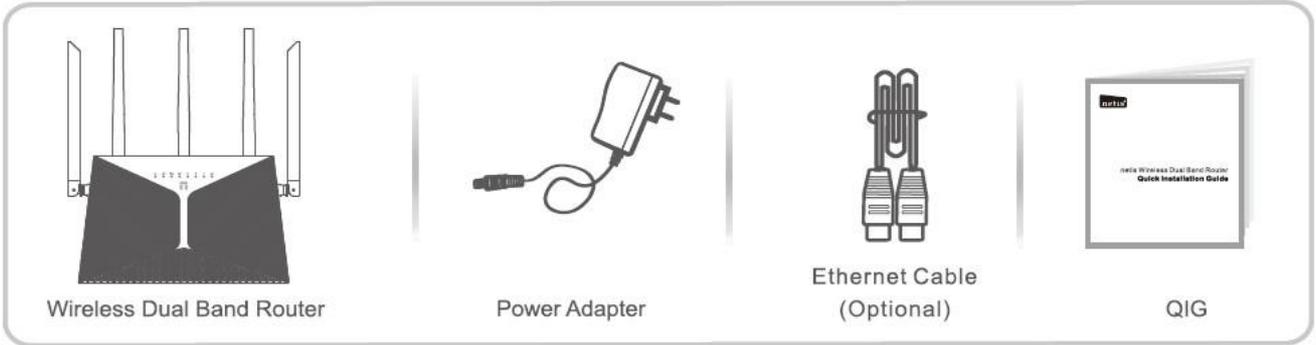




Standard Package

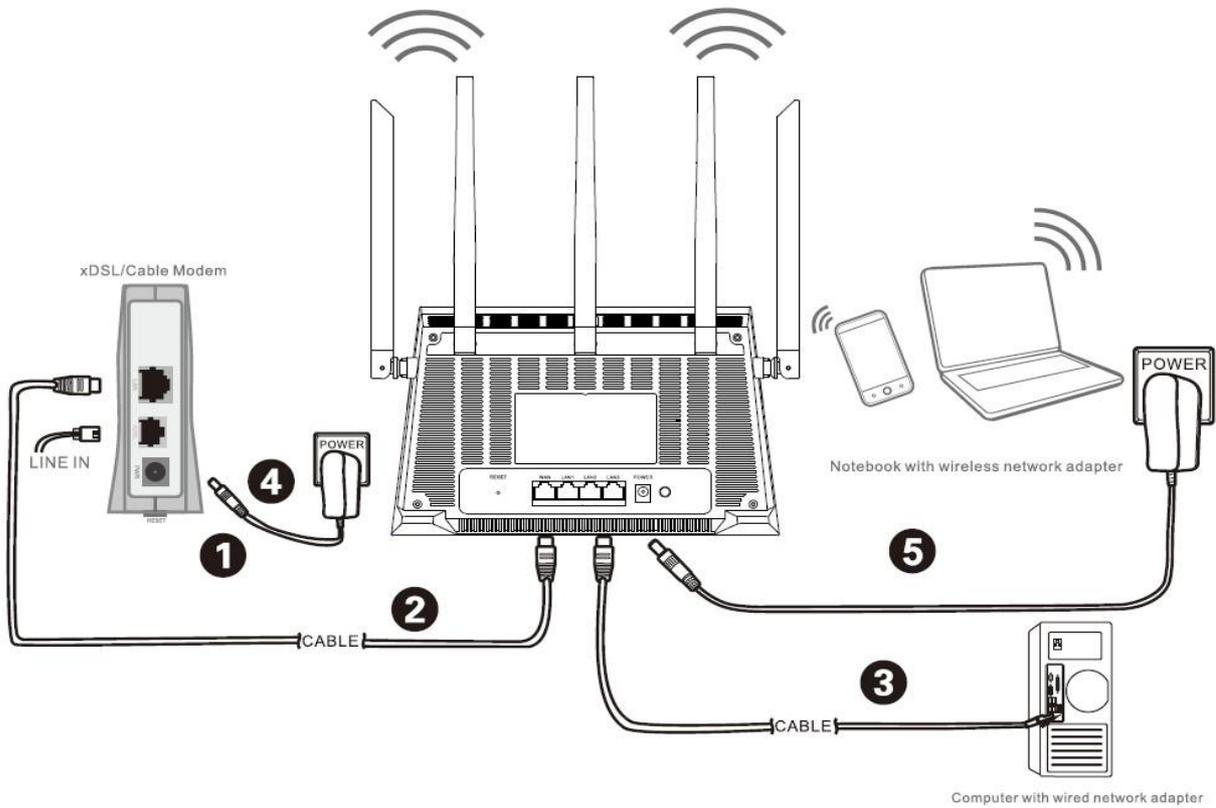
- Package Contents**

- 1x NX30
- 1x Power Adapter
- 1x RJ45 Ethernet Cable
- Quick Installation Guide



Coiler Router Series

Installation



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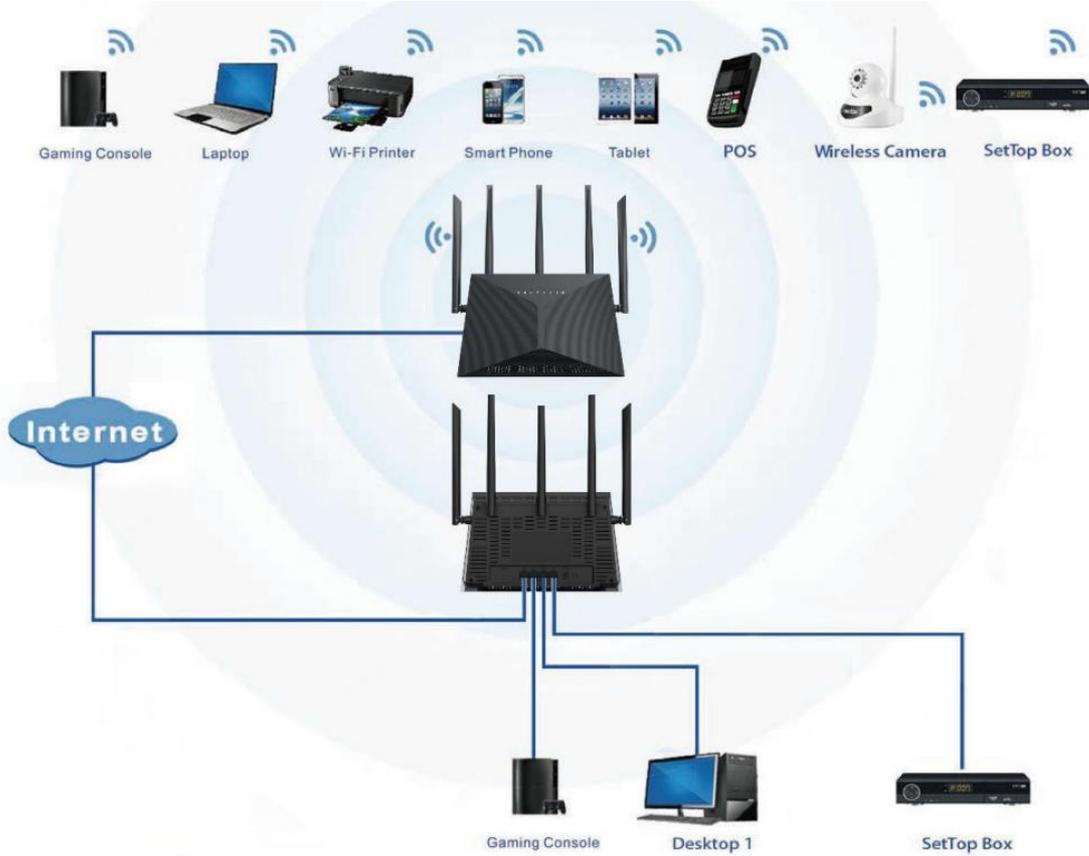
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Topological Graph

WAN Access Application



Extensive Coverage



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