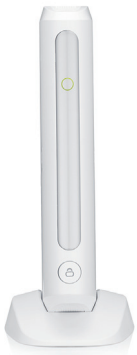
ZYXEL



ARMOR X1

AC2100 Dual-Band Wireless Gigabit Access Point/Range Extender

With the latest 802.11ac Wi-Fi technology, the Zyxel ARMOR X1 AC2100 Dual-Band Wireless Gigabit Access Point/Range Extender delivers speeds of up to 2100 Mbps* to your Wi-Fi devices. It covers all your home network requirements with the optimal Wi-Fi and Gigabit Ethernet for better online experience. The ARMOR X1 enables 4K/UHD video streaming or lag-free online video gaming by extending your existing fast 802.11ac Wi-Fi network at home.

Benefits

Resolve home network problems

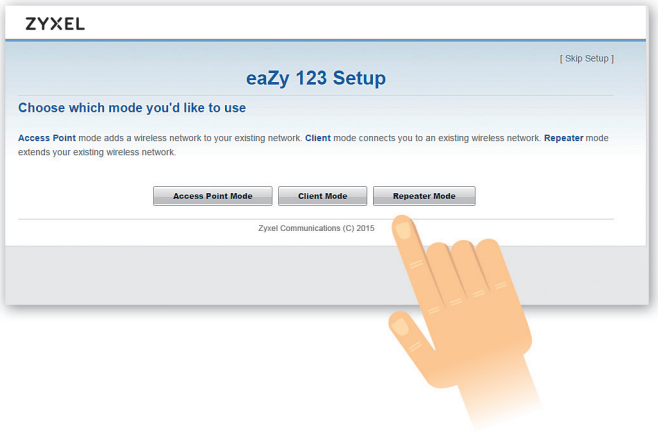
Remove Wi-Fi dead spots at home. Reach all corners of your home with ARMOR X1. Get better Wi-Fi coverage by placing the ARMOR X1 near the dead Wi-Fi spot.

- Wireless speeds of up to 2100 Mbps* with dual-band 802.11ac
- Boost wireless performance for range or speed requirements
- Multiple mode selection of AP, Repeater and Client for wireless needs
- 6 internal antennas for optimal coverage
- 4 Gigabit Ethernet ports to connect media devices
- Easy Wizard Steps for device configuration
- Zyxel ONE Connect with auto Wi-Fi profile configuration

Datasheet ARMOR X1

Easy setup for your Wi-Fi network coverage needs

The Zyxel ARMOR X1 works as an access point, a Wi-Fi extender or a wireless client. Simply select the mode needed for your network environment using eaZy123 setup wizard to enjoy the high-speed network instantly.



Design with simplicity to fit your home

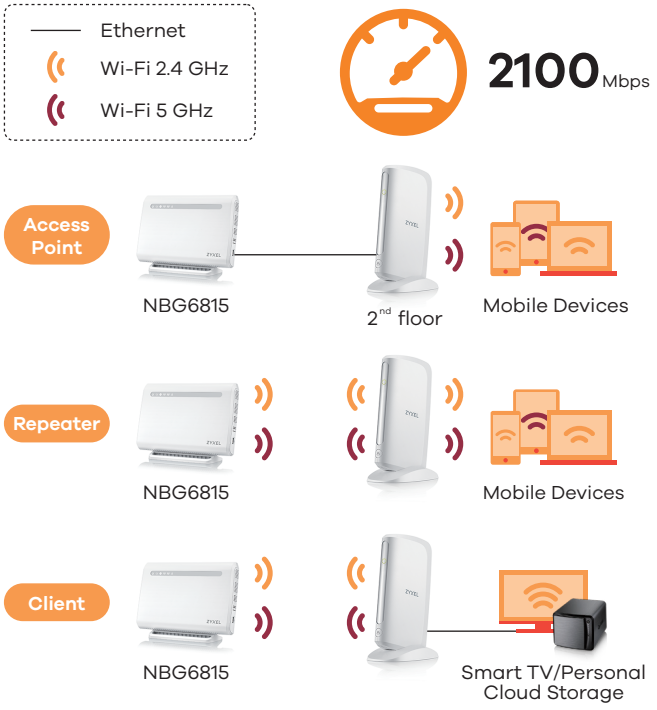
It fits into shelves like a book, sits on the desk beside the telephone or stands next to the ultra-thin TV perfectly—just place it the way you'd like. All you need to do is to decide the best spot to connect your wireless devices to the router and power it up.

Prioritize wireless performance as needed

The Zyxel ARMOR X1 provides the latest 802.11ac dual-band wireless technology, with which you can instantly enjoy 2.4 GHz/5 GHz wireless connectivity for daily use. Choose the "Range" mode for maximum Wi-Fi coverage or "Speed" mode to boost speedy 5 GHz connection for video streaming and throughput-intensive applications.

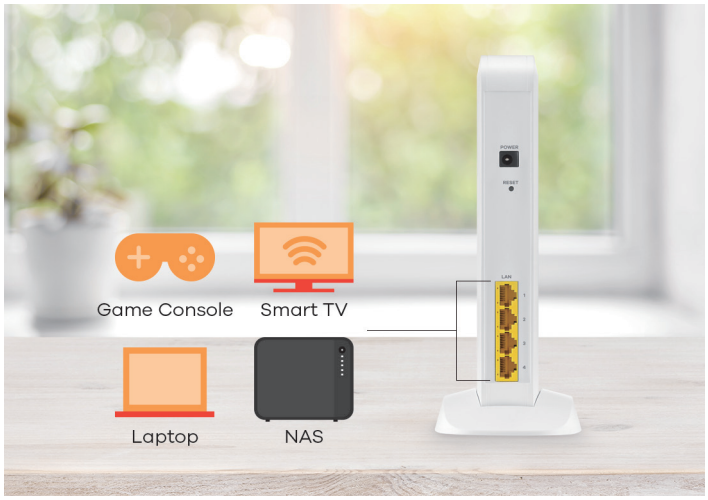
An access point, a repeater or a client? Make it the way you want it

You have the freedom to choose: adding wireless speeds of up to 2100 Mbps* with reliable Gigabit Ethernet connection to different floor or rooms, easily extending 802.11ac wireless coverage from your existing 802.11ac router, or providing Internet connection to your media devices wirelessly from the router. Choose what you need for your wireless network at home so the Zyxel ARMOR X1 will play the role for you.



Gigabit Ethernet maximizes wired performance

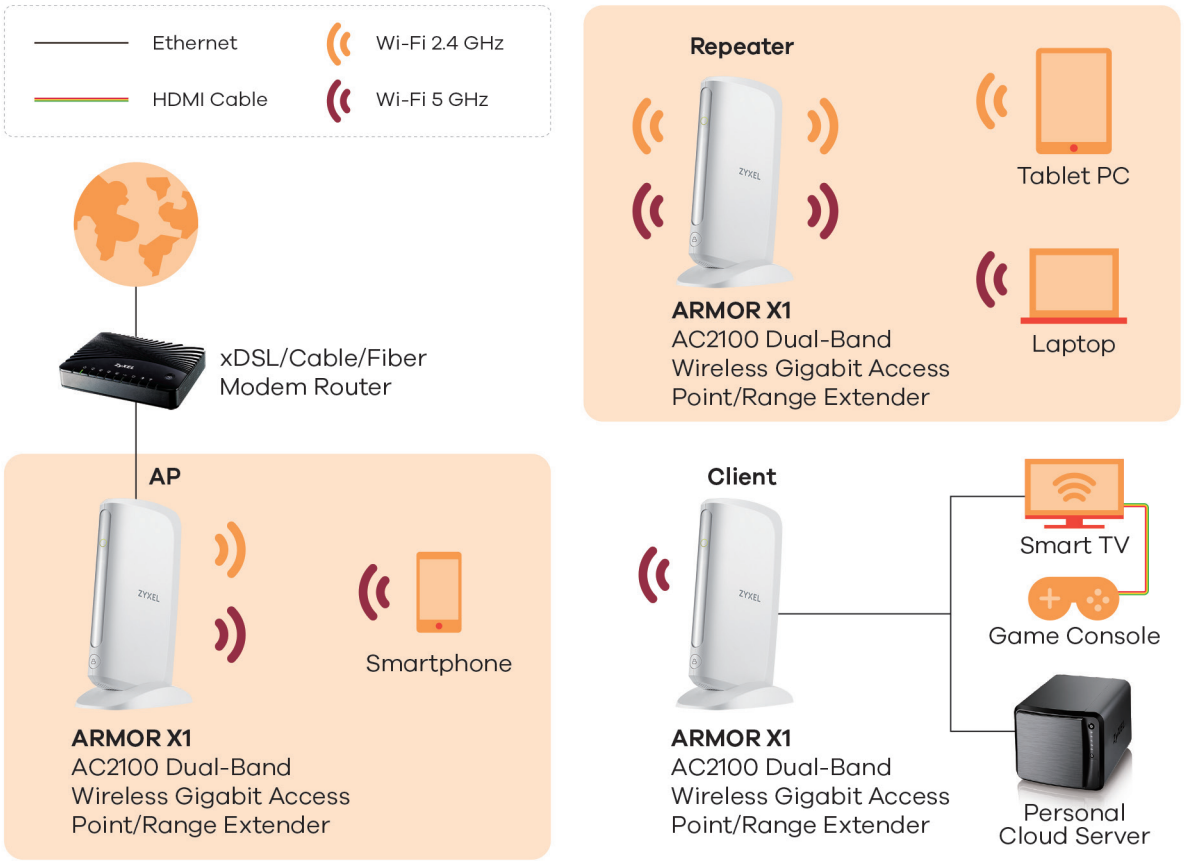
With four Gigabit Ethernet ports, the Zyxel ARMOR X1 has been designed for reliable, high-performance video streaming with speeds much faster than typical Ethernet connections; and the device makes it easy to connect multiple wired devices like smart TV, laptop, game console or NAS.



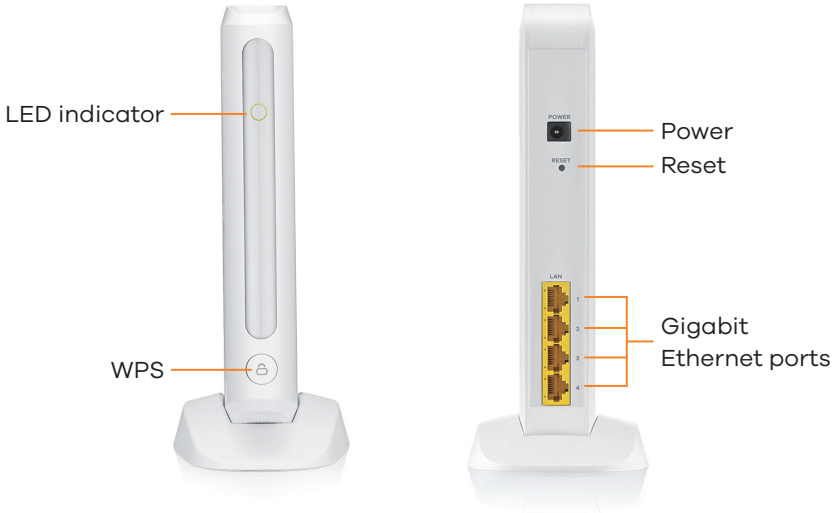
ONE Connect to discover home connectivity and activity

Easily get your network connected and configured quickly when you connect the ARMOR X1 to any Zyxel ONE Connect ready devices! Copy your Wi-Fi settings from an existing Zyxel router** to the ARMOR X1, so that you don't need to reconnect all your Wi-Fi devices.

Application Diagram



Front & Rear Panels



Specifications

System Specifications

Wireless Standard
- 802.11 b/g/n 2.4 GHz
- 802.11 a/n/ac 5 GHz

Wireless Transfer Rate
- Transmit:
  - 300 Mbps* for 2.4 GHz
  - 1733 Mbps* for 5 GHz
- Receive:
  - 300 Mbps* for 2.4 GHz
  - 1733 Mbps* for 5 GHz

Wireless Security
- WPA/WPA2-PSK and WEP for 2.4 GHz
- WPA/WPA2-PSK for 5 GHz

Features
- Repeater/AP/Client mode
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Auto channel selection
- Hidden SSID
- Wireless output power management

Hardware Specifications

- LAN: Four 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
- Button/Switch:
  - WPS button
  - Reset button
- LED indicator: Color LED (power, WPS, and Wi-Fi quality)
- Antennas:
  - Two 2.4 GHz internal antennas
  - Four 5 GHz internal antennas
- Power consumption: 10.2 watt max.

Physical Specifications

- Item dimensions (WxDxH):
  37 x 134 x 218 mm
  (1.46" x 5.28" x 8.58")
- Item weight: 396 g (0.87 lb.)
- Packing dimensions (WxDxH):
  307 x 99 x 185 mm
  (12.09" x 3.90" x 7.28")
- Packing weight: 1,038 g (2.29 lb.)

Environmental Specifications

Operating Environment
- Temperature:
  0°C to 40°C (32°F to 104°F)
- Humidity:
  10% to 90% (Non-condensing)

Storage Environment
- Temperature:
  -30°C to 70°C (-22°F to 158°F)
- Humidity:
  10% to 95% (Non-condensing)

Certification

- Safety: CE-LVD
- EMC: CE

Package Contents

- Wireless AP
- Power adapter
- Ethernet cable

* The maximum wireless data transfer rate of up to 300 Mbps for 2.4 GHz and 1733 Mbps for 5 GHz simultaneously, which is derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

** Zyxel ONE Connect router is required for all features on this app.

For more product information, visit us on the web at www.zyxel.com

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