ZYXEL
NETWORKS

NBG6818 Armor G1
AC2600 Multi-Gigabit WiFi Router

Connect with extreme speed Armor G1 Router

Superior coverage. Fast multi-gigabit performance. Secure browsing and keep your personal information private by using a OpenVPN. Zyxel Armor G1 router provides a reliable connection that allows you to enjoy the ultimate web browsing, file exchange, and multimedia streaming experience throughout your home.

5 GHz 8x8 optimized antennas for high coverage

Armor G1 is equipped with high-powered amplifiers to improve the wireless coverage and performance. 13 advanced internal antennas help eliminate interference, giving you epic wireless range and capacity.

- 🔵 5 GHz
- 🟣 2.4 GHz
- 🟠 Bluetooth

Datasheet Armor G1

- 🚀 Latest 802.11ac WAVE2 MU-MIMO technology
- 📡 5 GHz 8x8 optimized antennas design for wider coverage
- ⚡ Support up to 2.5 Gbps multi-gigabit Internet services
- 🛡️ Reliable and secure remote access with OpenVPN
- 👥 Smart parental control keeps your kids safe online
- ✨ Armor App & web browser for setup and management

ARMOR

Benefits

Support up to 2.5 Gbps multi-gigabit Internet services, perfect for streaming

Equipped with a 2.5 Gbps Multi-Gigabit Ethernet port, the Armor G1 allows you to connect your Internet service provider of up to 2.5 Gbps speeds! Perfect for streaming 8K video on smart TVs and taking on intense online game matches.
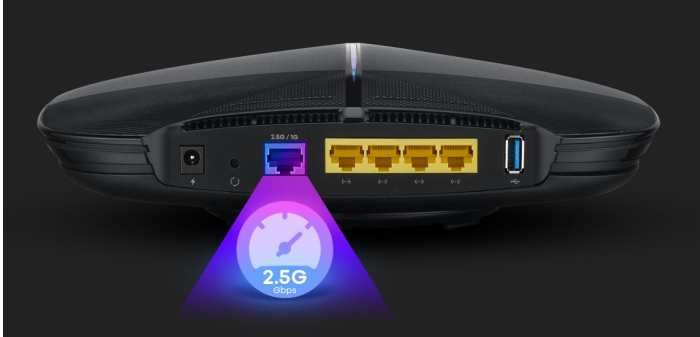
Designed for content creators with multi-stream WiFi, eliminates traffic jam bandwidth

Say goodbye to your old traffic jammed bandwidth and let the Armor G1 specially designed multi-stream WiFi provide you fast and reliable connection, so you can churn out those creative ideas out faster!

Intuitive accessibility features web interface

The web-based interface enables Armor G1 to easily manage your network on a computer, including configuring accessibility features and monitoring network activities.

Easy to install and manage with Armor app

One Zyxel Armor app that does it all, it gives you full control over everything that happens in your connected devices, anytime and anywhere!
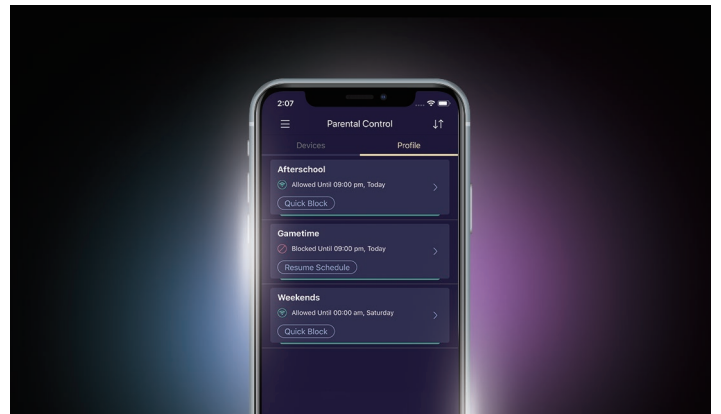

Reliable and secure OpenVPN connection

No matter you're working as SOHO at home, need a safer way on data and storage access, or connecting WiFi networks that aren't your own out and about, Armor with OpenVPN can guard your private network and let you access online services, allowing you to enjoy the full range of the streaming.
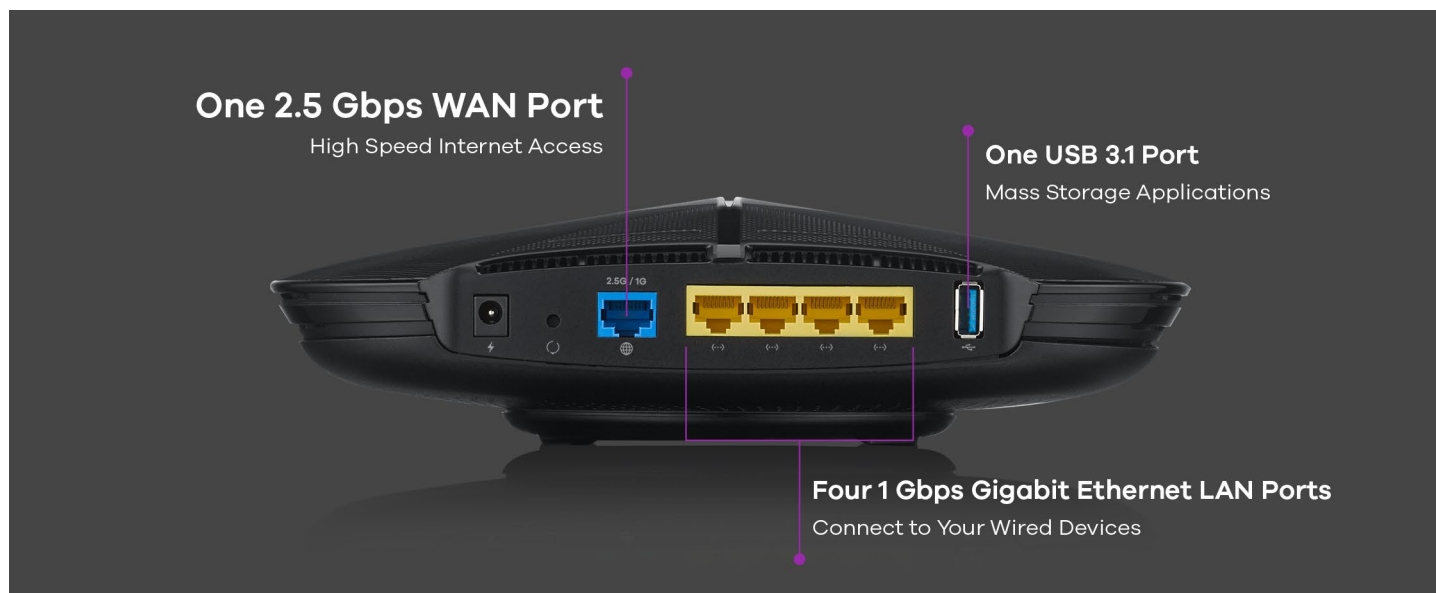

Keeping the Internet safe for children

Set Internet limitation for your child with our user-friendly app which includes parental control features. Ensure that your children are following their productivity and sleep schedule without constantly monitoring them. Support intervals in schedule settings and timer based with device blocking.

Interface Description

One 2.5 Gbps WAN Port
High Speed Internet Access

One USB 3.1 Port
Mass Storage Applications

Four 1 Gbps Gigabit Ethernet LAN Ports
Connect to Your Wired Devices

Specifications

System Specifications

Speed Rating
AC2600 (800+1733 Mbps)

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

Wireless Speed
• Transmit:
   ▪ 800Mbps* for 2.4 GHz
   ▪ 1733Mbps* for 5 GHz
• Receive:
   ▪ 800Mbps* for 2.4 GHz
   ▪ 1733Mbps* for 5 GHz

Security
• IPSec Pass-Through
• PPTP Pass-Through
• L2TP Pass-Through
• VPN Support (OpenVPN)
• VPN Client Support
• WPA3-PSK
• WPS Support
• Guest Network
• Automatic Firmware Update

Wireless Features
• MU-MIMO
• Guest WiFi
• WiFi Protected Setup (WPS)
• Auto channel selection
• Wireless scheduling
• MAC address filtering

Wired Interface
• One 2.5 Gbps WAN port
• Four Gigabit Ethernet ports
• One USB 3.1 port

Routing Protocols
• WAN Type: Static IP, DHCP, PPPoE, PPTP
• IGMP v1/v2
• Auto-IP change
• IPv4/IPv6
• Network Address Translation (NAT)
• Port Trigger
• DHCP server/client
• Dynamic DNS

Firewall
• Stateful Packet Inspection (SPI)
• Deny of Service (DoS) Prevention
• MAC Filter
• TCP/IP Filter

Operation mode
• Standard mode (Router mode)
• Bridge mode (Access point mode)

Web Browser
• Advanced wired & wireless setup and management
• Diagnose & speed test
• Parental Control

App

Armor app
• Easy to setup
   ▪ Support myZyxelCloud SSO (Single-Sign-On) system
   ▪ Quick Bluetooth setup
   ▪ Support combining/separating 2.4GHZ and 5GHZ WiFi network
• Support Parental Control
   ▪ Organize multiple devices into group
   ▪ Block or allow specific group based on time schedule
   ▪ Flexible override Internet access for specific device group
• Support guest WiFi setting
   ▪ Share WiFi name and password via QR code for your guests
   ▪ Monitor of active concurrent guest devices connected
• Diagnose network via speed test
   ▪ Push notification
      - New device connected
      - New firmware available
      - Speed test result
   ▪ Remote management
   ▪ Automatic updates for new features
   ▪ Support iOS 9/Android 5.0 or later
   ▪ Support language: EN/ZH/DE/ES/FR/IT/PT/RU

Hardware Specifications

Ethernet Interface
- WAN: One 100/1000/2500 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LAN: Four 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support

CPU
- 1 GHz processor

Memory
- 256MB Flash and 512MB RAM

Antenna
- 13 Internal Antennas

Button
- Reset Button

Power Rating
- Power: 12V/3A
- Power consumption: 25W max.

USB Features
- SMB
- CIFS
- FTP
- Printer Server

Physical Specs (per unit)
- Item dimensions (WxDxH): 248 x 182 x 66 mm (9.8 x 7.2 x 2.6 inch)
- Item weight: 1kg (2.2 lb.)
- Packing dimensions (WxDxH): 382 x 232 x 76 mm (15.0 x 9.1 x 3.0 inch)
- Packing weight: 1.8kg (4.0 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 90% (Non-condensing)

Package Contents
- ARMOR G1 x1
- Power adapter x1
- Ethernet cable x1
- Quick start guide (warranty card included) x1

Certification
- Safety: CE-LVD, BSMI
- EMC: CE, FCC, BSMI, EAC

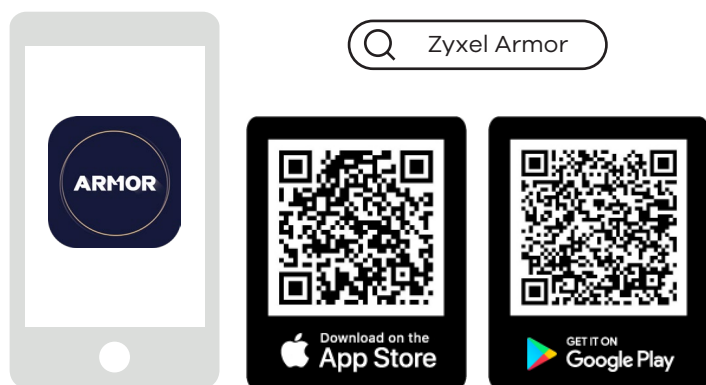## Voice Control
- Amazon Alexa

Support
- Forum: homeforum.zyxel.com
- App feedback included

* The maximum wireless data transfer rates of up to 800 Mbps at 2.4 GHz and 1733 Mbps at 5 GHz in simultaneous transmission are derived from the IEEE Standard 802.11 specifications. Actual data transfer rates may vary from network conditions including: distance, network traffics, building site material/construction, interference from other wireless devices and other adverse factors.

** Multi-Gig Internet speeds require compatible service plans and equipment.

Download App

Zyxel Armor

Download on the App Store

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