ZYXEL

ARMOR Z2
AC2600 MU-MIMO Dual-Band Wireless Gigabit Router

Have more devices connected to your shared Internet with Zyxel ARMOR Z2 AC2600 MU-MIMO Dual-Band Wireless Gigabit Router. Powered by a fast 1.7 GHz processor and StreamBoost™ technology, the ARMOR Z2 allows you to experience 4K UHD video streaming and to play online games without stuttering, while to have more devices staying connected at the same time without sacrificing performance.

The Zyxel ARMOR Z2 is equipped with the latest 4x4 MU-MIMO technology that enables it to accelerate transmission up to 4 stream wireless devices for even faster Wi-Fi speeds.

Benefits

MU-MIMO for up to 3x faster performance

The Zyxel ARMOR Z2 AC2600 MU-MIMO Dual-Band Wireless Gigabit Router supports the latest 802.11ac Wave 2 MU-MIMO technology to provide accelerated Wi-Fi speed for all devices. It supports 160 MHz channel bandwidth which is 2x faster than traditional one. When connected with MU-MIMO-compatible Wi-Fi devices, the ARMOR Z2 is capable of achieving up to 3x performance over traditional Wi-Fi speeds.

- MU-MIMO technology
- 1.7 GHz dual-core processor
- AC2600 dual-band concurrent connectivity
- StreamBoost™ QoS technology
- 4 adjustable high-performance antennas
- Zyxel Usage Monitor & eaZy123 setup wizard
- Zyxel Photo App
- Zyxel ONE Connect App

Dynamic QoS with powerful processing power for the best 4K UHD experience

The Zyxel ARMOR Z2 allows you to run as many networking applications as you want without sacrificing your network streaming experience or increasing online game latency. The StreamBoost™ technology intelligently provides most up-to-date gaming database and manages your Internet bandwidth for all your networking needs without the need to setup complicated QoS.

High Priority

Beamforming 4 adjustable high-power antennas

Unlike traditional wireless routers that scatter signals everywhere, Zyxel ARMOR Z2's four adjustable high-performance antennas with beamforming coverage pinpoint your wireless device even while you are moving around, it can track you actual location, and focus its wireless connection solely on it to enable strong wireless signals.

Usage Monitor keeps an eye on Internet usage

The Zyxel ARMOR Z2's Usage Monitor allows you to view the home network bandwidth utilized by applications and clients. If a threshold of Internet plan usage has been set, you will receive a message from the system once the limit is reached.

Zyxel ONE Connect App eases home network management

The Zyxel ONE Connect App not only offers a completely new smart home experience, but also allows you to easily track and manage network connections as well as network status.
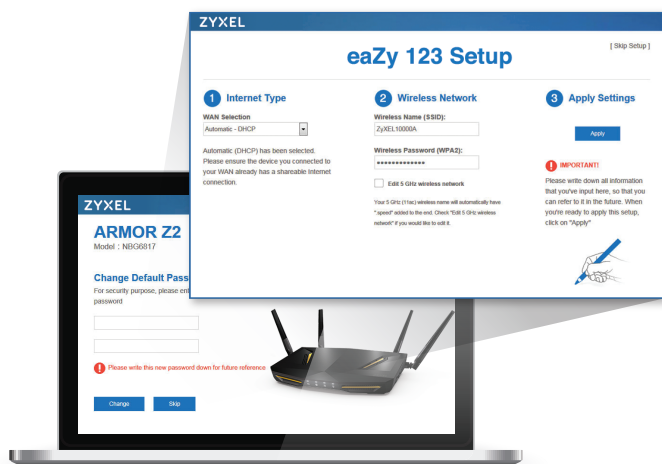
Setup network in 3 steps with eaZy123

No PC or complicated setup steps needed, just get your Internet connection up and running featuring shared Wi-Fi quickly with the Zyxel's ARMOR Z2.

Exclusive Zyxel Photo App backs up your photos quickly and easily

With a USB storage connected to the Zyxel ARMOR Z2, this free app backs up your photos from your favorite mobile devices. You can back up 30 photos (around 1.5 MB each) within just a minute.

Specifications

System Specifications			
Wireless Standard		• IEEE 802.11 b/g/n 2.4 GHz • IEEE 802.11 a/n/ac 5 GHz	
Wireless Speed	**Transmit**	• 800 Mbps* for 2.4 GHz • 1733 Mbps* for 5 GHz	
	Receive	• 800 Mbps* for 2.4 GHz • 1733 Mbps* for 5 GHz	
Wireless Security		• WPA2-PSK, WPA-PSK, WPA-Enterprise, WPA2-Enterprise • WPS support	
WLAN Features		• MU-MIMO • Guest Wi-Fi • Wi-Fi Protected Setup (WPS) • Wi-Fi Multimedia (WMM)	• Auto channel selection • Wireless scheduling • Wireless output power management • MAC address filtering
Routing		• WAN type: Static IP, DHCP, PPPoE, PPTP • IGMP v1/v2 • Auto-IP change • IPv4/IPv6 • Network Address Translation (NAT)	• Port trigger • DHCP server/client • DNS relay • Dynamic DNS
NAT ALG and Pass-Through		• PPTP • L2TP • IPSec • FTP • SIP	• H.323 • RTSP • IRC • SNMP
Firewall		• Stateful Packet Inspection (SPI) • Deny of Service (DOS) prevention	• MAC filter • TCP/IP filter

System Specifications

Application	• Usage monitor • Parental control • Zyxel Photo App • ONE Connect • Smart QoS (StreamBoost™)
USB	• Mass storage support by SMB/CIFS/FTP/WebDAV • Print server
Media Server	• DLNA
System Management	• Online firmware upgrade • Wake on LAN • Remote management • UPnP
Operation Mode	• Router mode • Access point mode

Hardware Specifications

CPU	• 1.7 GHz dual core Processor
Memory	• 512 MB RAM and 4 GB eMMC
WAN	• One 10/100/1000 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
Antenna	• Four dual-band high performance antennas
USB	• USB 3.0 x1 • USB 2.0 x1
LED Indicator	• Power/SYS • Wireless 2.4G/WPS • Internet • Wireless 5G/WPS
Buttons	• Power switch • WPS button • Reset button • Wireless on/off button
Power consumption	• 25 W
Power	• 12 VDC, 3 A

Physical Specifications

Item	Dimensions (WxDxH)(mm/in.)	• 250 x 168 x 51/9.8 x 6.6 x 2
	Weight (kg/lb.)	• 0.57/1.26
Packing	Dimensions (WxDxH)(mm/in.)	• 445 x 258 x 60/17.5 x 10.2 x 2.4
	Weight (kg/lb.)	• 1.56/3.44

Environmental Specifications

Operating Enviroment	Temperature	• 0°C to 40°C/32°F to 104°F
	Humidity	• 10% to 90% (Non-condensing)
Storage Enviroment	Temperature	• -30°C to 70°C/-22°F to 158°F
	Humidity	• 10% to 95% (Non-condensing)

Certifications

Safety	• CE-LVD, BSMI
EMC	• CE, FCC, IC, BSMI

Packing Contents

• Wireless router x1   • Ethernet cable x1
• Power adapter x1   • Quick start guide (Warranty card included) x1

* 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.

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

5-100-00117004   02/17

Datasheet ARMOR Z2