

ZyXEL



Delivering the Ultimate 4K/Ultra HD Streaming Experience

- Up to gigabit class wireless performance
- StreamBoost™ technology — connect more devices without sacrificing performance
- Share and stream multimedia files on your network with USB 3.0 storage support
- ZyXEL One Connect™ mobile app for quick network management and notification
- Web filtering and online time management

Deploy a powerful wireless network that can deliver fast wireless data speeds for lag free online multiplayer gaming experience and smoothly stream high-definition videos with the ZyXEL ARMOR Z1, AC2350 Dual-Band Wireless Gigabit Router.

Equipped with the latest 802.11ac technology the ZyXEL ARMOR Z1 delivers up to gigabit wireless speeds to the latest wireless devices utilizing 802.11ac technology. The ZyXEL ARMOR Z1 can also intelligently allocate the right amount of bandwidth with its StreamBoost™ technology so that even if you connect a lot of networking devices to the ARMOR Z1, it still manages to deliver a great networking experience to all of them.

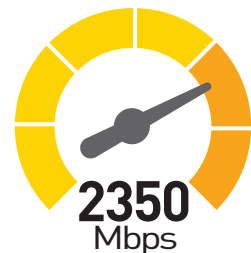
Benefits

Blistering network speed

Connect your latest 802.11ac wireless equipped devices to the ZyXEL ARMOR Z1 router and get up to gigabit data transfer rate. Stream and watch movies in ultra-high-definition (UHD) quality without the pesky buffering stutter. Got fiber broadband connection? Download or upload digital contents wirelessly to the web faster.



4K ULTRA HD



ARMOR Z1
AC2350 Dual-Band
Wireless Gigabit Router


ZyXEL **one**connect

Manage devices easily with One Connect app

Get a quick glance of all your ARMOR Z1 connected devices from your mobile device. Troubleshoot common issues with connected devices. Block unknown intruding devices from your network.



Safe and scheduled web browsing

Filter offensive online contents for a cleaner and safer web browsing experience. Manage and restrict individual devices online network times to avoid constant bandwidth consumption and data usage overage.



1.4GHz Dual-core processing power

The ZyXEL ARMOR Z1 packs the power needed to handle multiple connections simultaneously. The potent dual-core 1.4 GHz processor helps the router juggle gaming, media streaming and other online tasks with no loss of network performance.



Effective wireless connection by Beamforming

Instead of broadcasting signals everywhere in your home, ZyXEL ARMOR Z1 is equipped with Beamforming technology to focus and amplify its signal directly to your wireless connected device(s), allowing you to connect wirelessly online throughout your whole home

Standard



Beamforming



Bandwidth where it is needed with Smart QoS

The ZyXEL ARMOR Z1 allocates the right amount of bandwidth to each networked devices automatically with its StreamBoost™ technology. Play an intense online multiplayer game, watch high-definition streaming movies, browse on your social network, download a large file, and do more all at the same time without experiencing any performance drop.



Specifications

System Specifications

Wireless Standard

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

Wireless Speed

- Transmit:
 - 600 Mbps* for 2.4 GHz
 - 1733 Mbps* for 5 GHz
- Receive:
 - 600 Mbps* for 2.4 GHz
 - 1733 Mbps* for 5 GHz

Wireless Security

- WPA/WPA2, WPA-PSK/WPA2-PSK

Wireless Features

- 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

- Network Address Translation (NAT)
- Auto WAN type detection: static IP, DHCP, PPPoE
- DHCP server/client
- IGMP v1/v2
- Dynamic DNS
- Auto-IP change
- IPv6

VPN Pass-through

- IPSec/PPTP/L2TP

Firewall

- Stateful Packet Inspection (SPI)
- Deny of Service (DoS) Prevention

Application Control

- Smart QoS (StreamBoost™)
- Parental control
- Network service filter

USB Support

- Mass storage support by SMB/CIFS/FTP
- Print server

Media Server

- DLNA

System Management

- Online firmware upgrade
- Remote management
- Wake on LAN
- UPnP

Operation Mode

- Router mode
- Access point mode

Hardware Specifications

- CPU: 1.4 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
- USB: Two USB 3.0 ports
- LED indicator:
 - Power
 - Internet
 - Wireless (2.4 GHz)/WPS
 - Wireless (5 GHz)/WPS
- Four dual-band high power external antennas
- Buttons:
 - Wireless on/off
 - Power on/off
 - WPS
 - Reset
- Power: 12 V DC, 4 A
- Power consumption: 29 W watt max.

Physical Specifications

- Item dimensions (WxDxH):
297.7 x 207.8 x 71.5 mm (11.72" x 8.18" x 2.81")
- Item weight: 0.84 kg (1.85 lb.)
- Packing dimensions (WxDxH):
423 x 254 x 92 mm (16.65" x 10" x 3.62")
- Packing weight: 1.84 kg (4.06 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, FCC

Package Contents

- Wireless router
- Power adapter
- Ethernet cable
- Quick start guide
- Warranty card

*The maximum wireless data transfer rates of up to 600 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.

Application Diagram

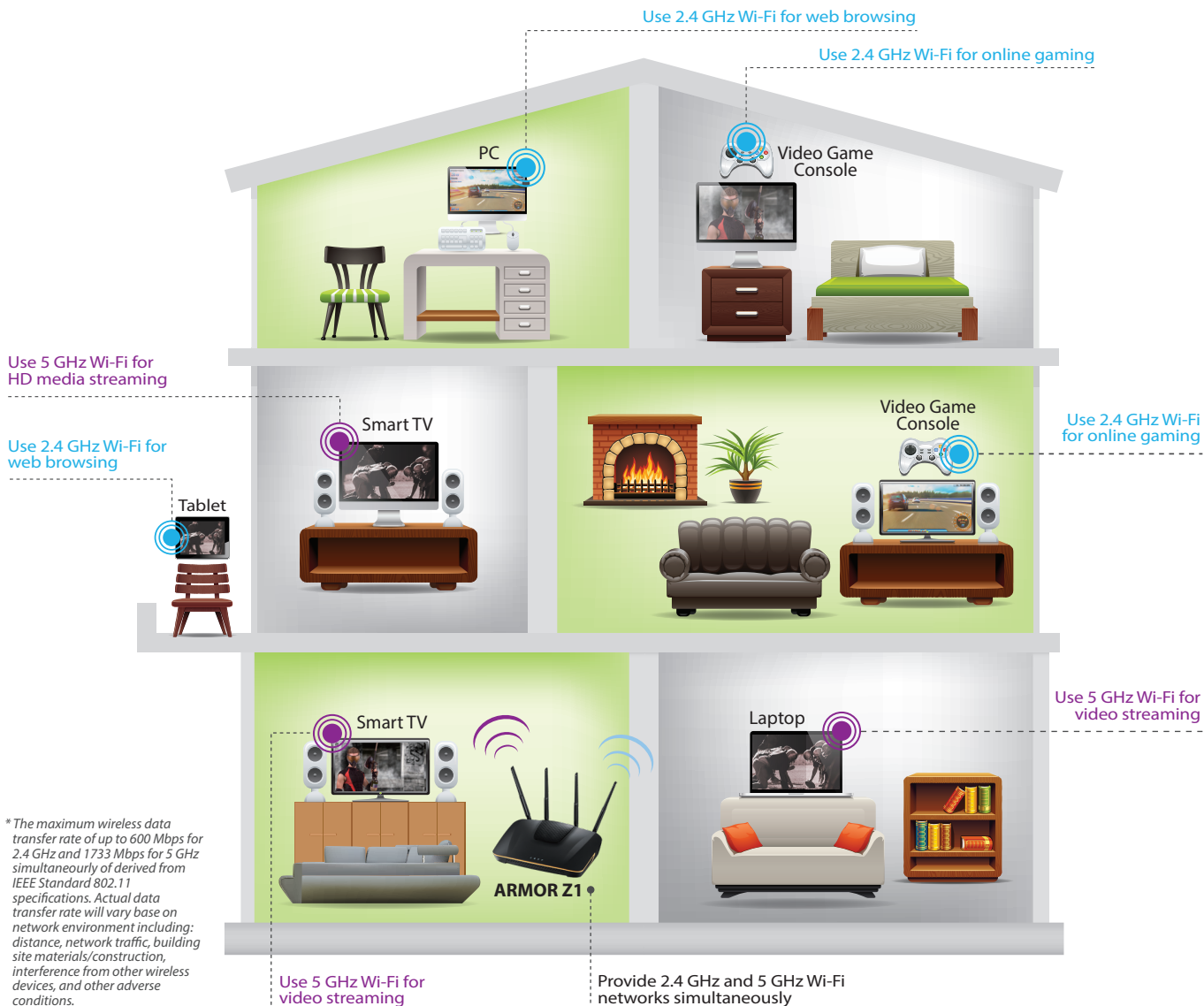
Whole Home Coverage

2.4 GHz

Get wide Wi-Fi network coverage for your basic Internet needs including web browsing, social networking, and/or backing up your digital media.

5 GHz

Experience seamless Wi-Fi network with smoother HD video streaming and lag free online gaming sessions.



* The maximum wireless data transfer rate of up to 600 Mbps for 2.4 GHz and 1733 Mbps for 5 GHz simultaneously of derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary base on network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

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



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