

ZYXEL

Your Networking Ally



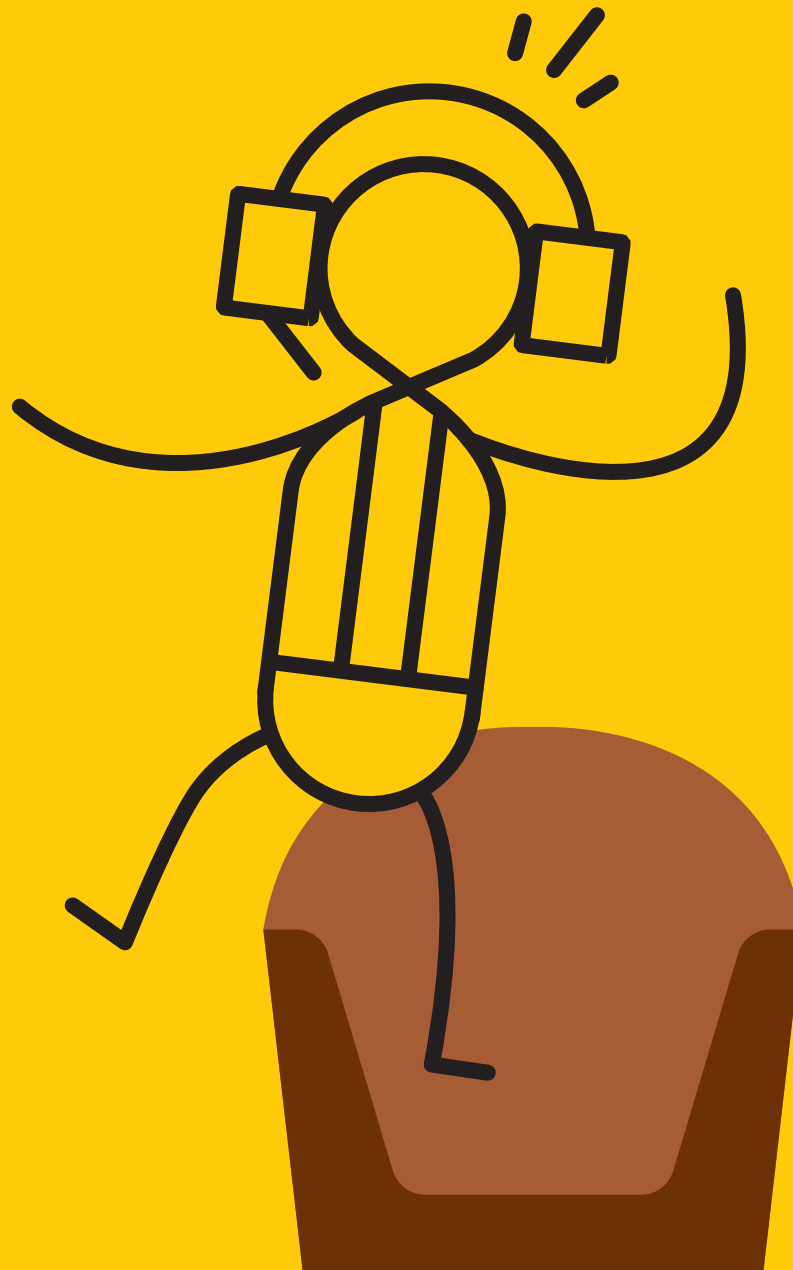
Smart and Connected Life

Smart Living
Product Guide

- WiFi System
- Home Routers
- Wireless Extenders
- Powerline
- Switches
- Cloud Appliance

We enable greater connection to keep everyone online

- WiFi Excellence in network technology
- Reliable and flexible network connectivity blanket solution



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WiFi System

A system wirelessly connects to blanket your home in fast, reliable WiFi

Powerline

Transform outlet into a network



Wireless Extenders
Extend & create a wireless network for a better coverage

Switches
Add more wired devices to a network

Home Routers
Create and share Internet network



WiFi System

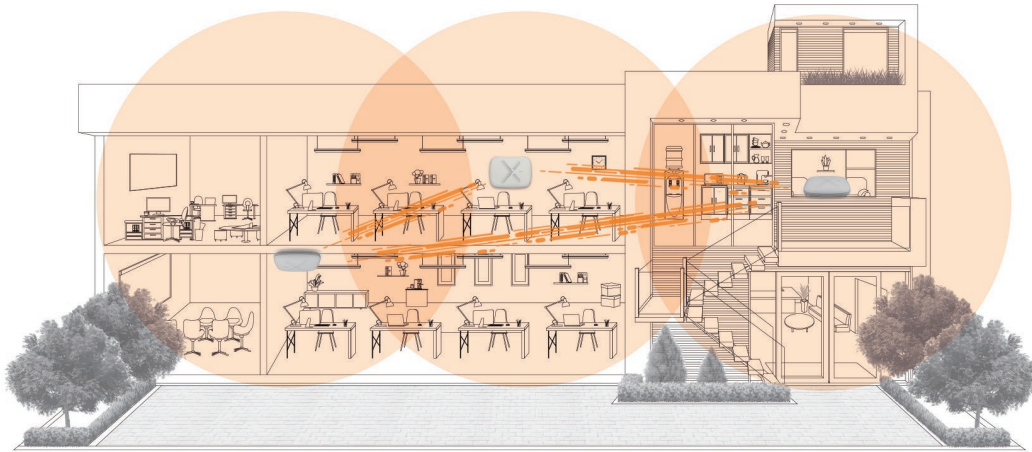
10 WiFi System



Multy Plus WiFi without boundaries

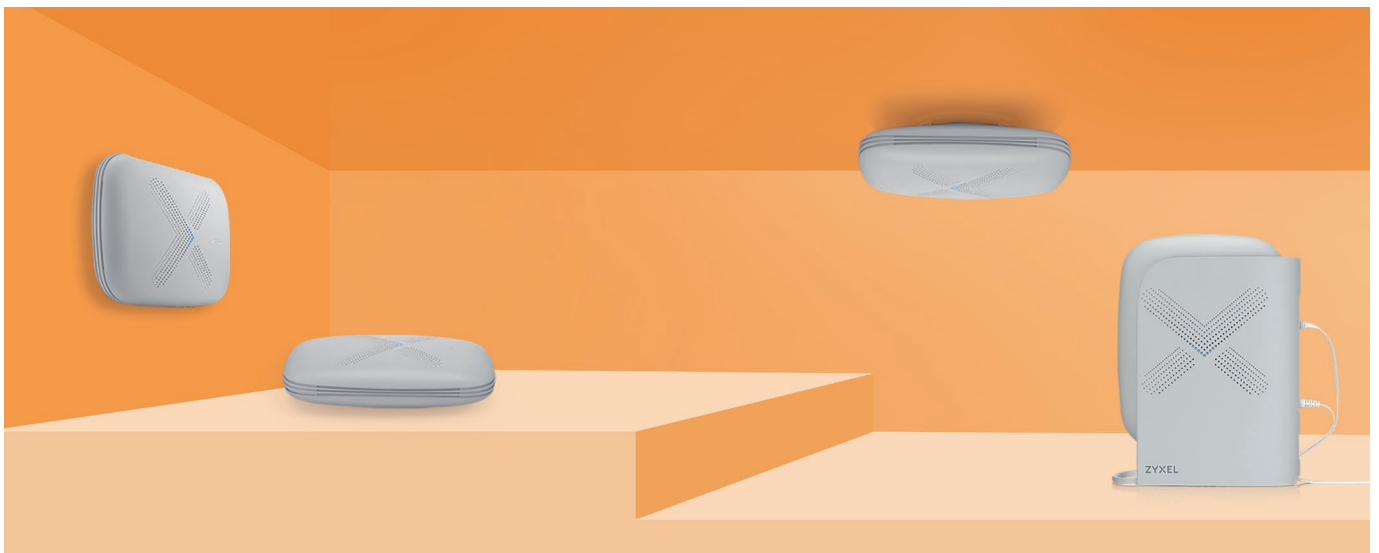
Get superb WiFi coverage

What size business do you have? Discover the right system with maximum wireless performance and coverage for your business. Multy Plus delivers wired-like WiFi performance no matter where you are in your business environment.



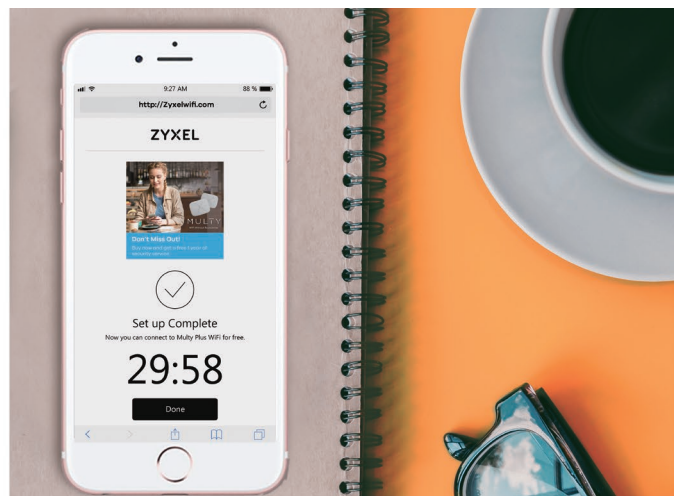
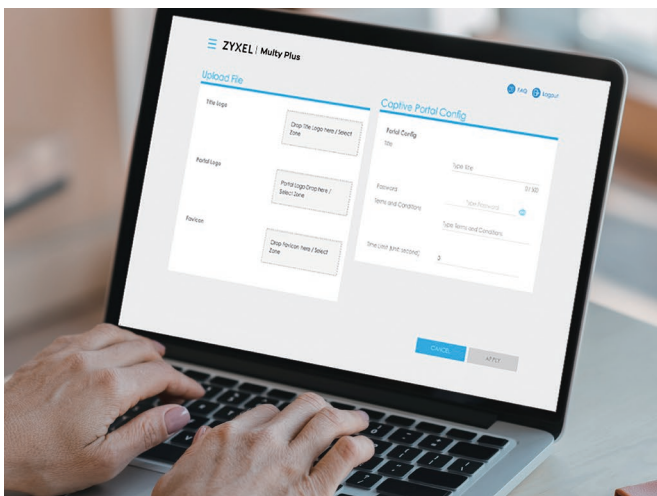
5-in-1 mounting options

Multy Plus's space-saving mount provides a simple setup with various flexible placement options for your business environment. Placement options include: desktop, stand holder, wall/ceiling, and T-bar mount.



Visitor WiFi hotspot with captive portal

Provide your visitors with fast and reliable WiFi network without interfering your own business network. Enable a web captive portal to provide your terms and condition for your visitors' WiFi connection.



The best-in-class network protection

Multy Plus enhanced network security service protects your online usage. Its enterprise-class protection prevents cyberattacks, giving you a peace of mind that your devices are always protected.



Multy Plus (WSQ60)

AC3000 Tri-Band WiFi System for Business



- Tri-Band Mesh WiFi System with daisy-chaining for business and shop owners
- Enterprise-grade security services to prevent cyberattacks
- Provide fast and reliable WiFi to your customers with customized captive portal
- 5-in-1 mounting options for flexible deployment
- Web interface enables users to manage network on a computer & access advanced features

Specifications

Network interfaces	Three 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Protocols	PPPoE, DHCP, static IP, UPnP
Internet connections	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Cyber Security	WPA2 encryption, automatic security updates
WLAN features	802.11a/b/g/n/ac	App	Malware & Ransomware Blocker, Anti Botnet, Intrusion Detection Prevention, Anti-Virus & Anti-Phishing, Content Filtering, Application Patrol, IoT Security
Data transfer rate	<ul style="list-style-type: none"> • 5 GHz up to 1733 Mbps* (Dedicated backhaul) • 5 GHz up to 866 Mbps* • 2.4 GHz up to 400 Mbps* 	Dimensions (WxDxH)	236 x 178 x 51.5 mm (9.3" x 7.0" x 2.0")
Antennas	Nine high-performance antennas		



Multy U (WSR30)

AC2100 Tri-Band WiFi System for Medium/Multi-Room Home



- Tri-Band Mesh WiFi System for whole home coverage
- Ethernet or wireless dedicated backhaul provides a faster Internet for your WiFi devices
- One WiFi network and password to ensure a seamless connection
- Hanging Multy U in an elevated position gains additional WiFi performance
- Personalized, stylish and colorful LED indicator

Specifications

Network interfaces	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Protocols	PPPoE, DHCP, static IP, UPnP
Internet connections	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Security	WPA2 encryption, automatic security updates
WLAN features	802.11a/b/g/n/ac	App	Quick Bluetooth setup, Best installation locations finding, Remote control, Diagnose network health, Internet access control, Guest WiFi setting, Push Notification
Data transfer rate	<ul style="list-style-type: none">• 5 GHz up to 866 Mbps* (Dedicated backhaul)• 5 GHz up to 866 Mbps*• 2.4 GHz up to 300 Mbps*	Dimensions (WxDxH)	123 x 123 x 30 mm (4.8" x 4.8" x 1.2")
Antennas	Six high-performance antennas		



Multy X (WSQ50)

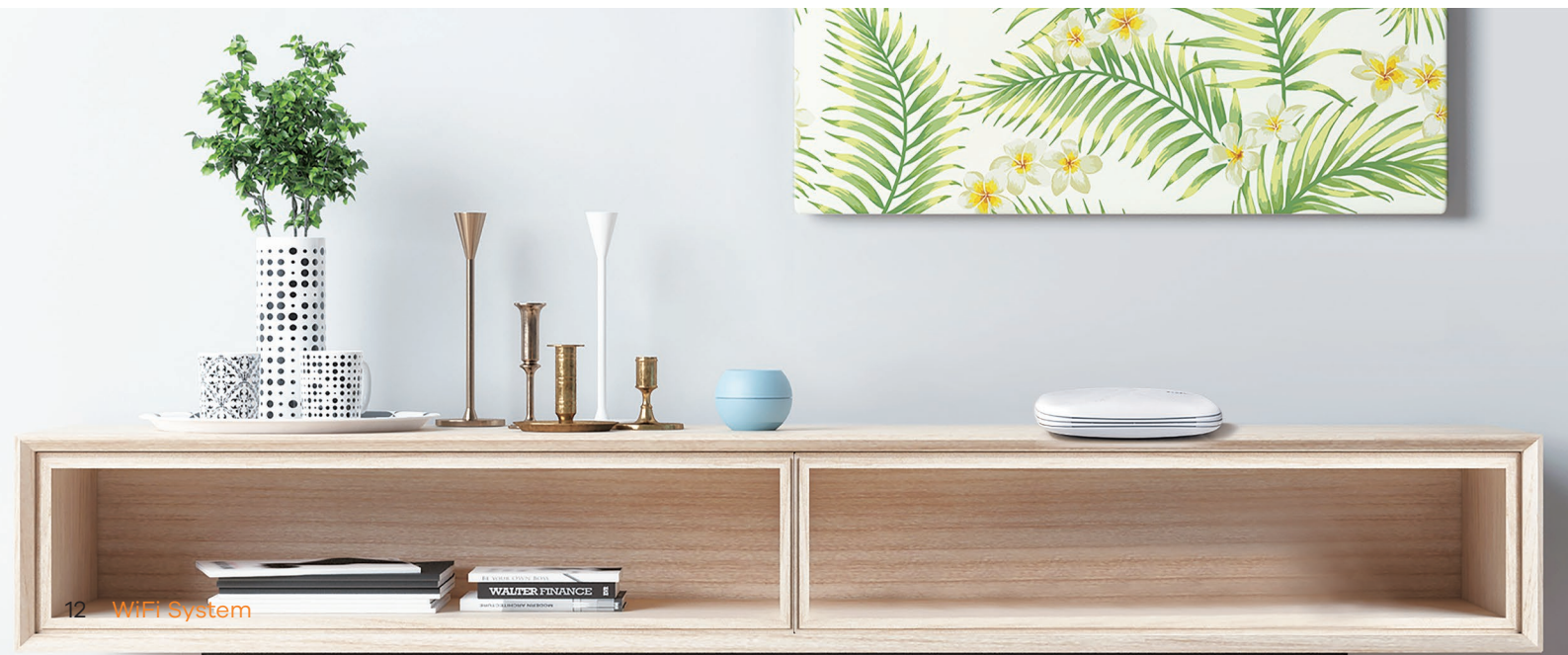
AC3000 Tri-Band WiFi System for Large/Multi-Story Home



- Tri-Band Mesh WiFi System for whole home coverage
- Dedicated backhaul connection provides a blazing fast Internet for all your WiFi devices
- One WiFi network and password to ensure a seamless connection
- Intelligent Multy App for easy setup and management
- Daisy-chain the Multy nodes together to provide wider coverage

Specifications

Network interfaces	Three 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Protocols	PPPoE, DHCP, static IP, UPnP
Internet connections	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Security	WPA2 encryption, automatic security updates
WLAN features	802.11 a/b/g/n/ac	App	Quick Bluetooth setup, Best installation locations finding, Remote control, Diagnose network health, Internet access control, Guest WiFi setting, Push Notification
Data transfer rate	<ul style="list-style-type: none">• 5 GHz up to 1733 Mbps* (Dedicated backhaul)• 5 GHz up to 866 Mbps*• 2.4 GHz up to 400 Mbps*	Dimensions (WxDxH)	236 x 178 x 51.5 mm (9.3" x 7.0" x 2.0")
Antennas	Nine high-performance antennas		



Multy Mini (WSQ20)

Dual-Band WiFi System Add-on







- Expand existing Multy X WiFi System coverage by up to 2,000 square feet
- Business-grade antennas and Power Amplifier for better stability
- Roam freely around home without memorizing additional WiFi network settings
- Intelligent Multy App for easy setup and management
- Quick Charge 3.0 supports up to four times faster charging than conventional methods

Specifications

Network interfaces	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	App	Quick Bluetooth setup, Best installation locations finding, Remote control, Diagnose network health, Internet access control, Guest WiFi setting, Push Notification
WLAN features	802.11a/b/g/n/ac	Dimensions (WxDxH)	142 x 122 x 33 mm (5.59" x 4.8" x 1.3")
Data transfer rate	<ul style="list-style-type: none">• 5 GHz up to 1300 Mbps*• 2.4 GHz up to 450 Mbps*		
Antennas	Six business-grade antennas		
Security	WPA2 encryption		



Model	WSQ60	WSQ50	WSQ20	WSR30
Description	 Multy Plus AC3000 Tri-Band WiFi System	 Multy X AC3000 Tri-Band WiFi System	 Multy Mini Dual-Band WiFi System Add-on	 Multy U AC2100 Tri-Band WiFi System
Wireless specification				
Speed rating (per unit)	AC3000	AC3000	AC1750	AC2100
Number of bands	Tri-band	Tri-band	Dual-band	Tri-band
Coverage (square feet)	5000 (Pack of 2)	5000 (Pack of 2)	2000	6000 (Pack of 3)
Dedicated backhaul	Yes	Yes	-	Yes
Dedicated backhaul speed* (Mbps)	1733	1733	-	866
MU-MIMO	Yes	Yes	Yes	Yes
Beamforming	Yes	Yes	Yes	Yes
Bluetooth	Yes	Yes	Yes	Yes
SSID Separation	Yes	-	-	-
Hardware specification				
CPU	Quad-Core	Quad-Core	Dual-Core	Dual-Core
RAM	512 MB	512 MB	128 MB	256 MB
Flash	4 GB	4 GB	1 GB	512 MB
Ethernet port	4	4	1	2
USB 2.0	1	1	-	-
Quick charge	-	-	Yes	-
Reset button	Yes	Yes	Yes	Yes
High power radio amplifier	Yes	Yes	Yes	Yes
Numbers of antenna	9	9	6	6
LED button	-	-	-	Yes
Auto dimming LED	Yes	Yes	Yes	Yes
Dimension (per unit)	9.3 x 7.0 x 2.0 inch	9.3 x 7.0 x 2.0 inch	5.59 x 4.8 x 1.3 inch	4.8 x 4.8 x 1.2 inch
Weight (per unit)	740 g	740 g	285 g	310 g
WiFi features				
AP steering	Yes	Yes	Yes	Yes
Band steering	Yes	Yes	Yes	Yes
Single WiFi name	Yes	Yes	Yes	Yes
Separate 5GHz network	Yes	Yes	Yes	Yes
Daisy chain	Yes	Yes	-	-
Bridge mode	Yes	Yes	Yes	Yes
Software				
Firewall security (NAT)	Yes	Yes	Yes	Yes
Web GUI	Yes	-	-	-
Captive portal	Yes	-	-	-
IPv6 compatible	Yes	Yes	Yes	Yes
Responsive eaZy123	Yes	-	-	-
UPnP	Yes	Yes	Yes	Yes
DMZ	Yes	Yes	Yes	Yes
MAC filtering	Yes	Yes	Yes	Yes
Ethernet backhaul	-	-	-	Yes
Security				
Content filtering	Yes (1-Year Service)	Yes (1-Month Trial)	-	-
Anti-malware	Yes (1-Year Service)	Yes (1-Month Trial)	-	-
Intrusion detection	Yes (1-Year Service)	Yes (1-Month Trial)	-	-
Anti-virus	Yes (1-Year Service)	Yes (1-Month Trial)	-	-
IoT security	Yes (1-Year Service)	Yes (1-Month Trial)	-	-
Application patrol	Yes (1-Year Service)	Yes (1-Month Trial)	-	-

* The maximum wireless data transfer rate 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.



Home Routers

Online adventure starts here

Improving Home Network Experience

Upgrade your home network with the Zyxel NBG6615 AC1200 MU-MIMO Dual-Band Wireless Router. The NBG6615 boots lightning fast, allowing you to enjoy more online connectivity sooner. With the latest 802.11ac technology, the NBG6615 boosts wireless speeds of up to 4 times faster than traditional 11n single-band routers.



High Power Design for Long-Range Connection

The NBG6615 comes with four high-performance external antennas with two dedicated antennas per bandwidth. It provides a long-range connection for you to enjoy services throughout the home network.



ARMOR Z2 (NBG6817)

AC2600 MU-MIMO Dual-Band Wireless Gigabit Router



- 1.7 GHz dual-core powerful processor
- 2600 Mbps ultra-fast WiFi speed
- MU-MIMO for up to 3x faster performance
- Smart QoS (StreamBoost™) serves gaming and media streaming first priority
- ONE Connect mobile app manages your home network easily
- Zyxel Photo keeps your precious memories
- eaZy123 guides you to setup network quick and easy

Specifications

Network interfaces	Four 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support	Data transfer rate	Transmit and receive: up to 800 Mbps* for 2.4 GHz Transmit and receive: up to 1733 Mbps* for 5 GHz
Internet connections	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Protocols	PPPoE, PPTP, DHCP, Static IP, IPv6, IGMP v1/v2, DynDNS, UPnP, DLNA
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands	Security	DoS, SPI firewall, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS support
Bandwidth management	Smart QoS (StreamBoost™), WiFi WMM		

NBG6615

AC1200 MU-MIMO Dual-Band Wireless Gigabit Router



- MU-MIMO provides all of your devices fast, consistent speed
- High-performance external antennas for stable long-range connection
- 4-port Gigabit Ethernet for blazing data transmission speed
- Two wireless network for better connections up to 64 WiFi devices
- Wall-mount option for flexible placement

Specifications

Network interfaces	Four 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Data transfer rate	up to 300 Mbps* for 2.4 GHz up to 867 Mbps* for 5 GHz
Internet connections	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Protocols	Static IP, DHCP, PPPoE, PPTP, IGMP v1/v2
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands	Security	DoS, SPI firewall, WPA-PSK/WPA2-PSK, WPS support
Bandwidth management	WiFi WMM	Green features	WiFi scheduling

NBG6604

AC1200 Dual-Band Wireless Router



Specifications

Network interfaces	Four 10/100 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands
Data transfer rate	Transmit and receive: up to 300 Mbps* for 2.4 GHz Transmit and receive: up to 867 Mbps* for 5 GHz

- The Dual-Band router AC1200 improves home wireless speed and reduces interference for better connection to more WiFi devices
- Four robust external antennas for stable long-range connection
- Simple app based setup with a detailed installation tutorial
- Intuitive user interface, easy to manage home network
- Brand new design with energy efficiency and thermal system enhancement

Special features	ZyXel One Connect support, 4 adjustable high gain antennas for optimized connection
Green features	WiFi scheduling
Dimensions (WxDxH)	170 x 117 x 29.2 mm (6.7" x 4.6" x 1.15")

NBG6515

AC750 Dual-Band Wireless Gigabit Router



Specifications

Network interfaces	Four 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
Internet connections	One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands
Bandwidth management	Advanced QoS, WiFi WMM support

- Compliant with 802.11ac with dual-band concurrent wireless
- Stable wireless signal and better coverage
- Gigabit ports ensure ultrafast data transfer speeds
- QoS with special prioritization ensures smooth multimedia streaming
- DLNA support for easy home media sharing
- IPv6 support

Data transfer rate	Transmit and receive: up to 300 Mbps* for 2.4 GHz Transmit and receive: up to 433 Mbps* for 5 GHz
VPN pass-thru	IPSec, PPTP, L2TP
Protocols	PPPoE, DHCP, static IP, DynDNS, UPnP
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, MAC address filtering

NBG-418N v2

Wireless N300 Home Router








- Compliant with 802.11n with data transfer rates of up to 300 Mbps*
- Two omni 5 dBi antennas boost wireless signals for wider coverage and more stable data transmission
- WPS for quick, easy wireless security setup
- Bandwidth management control prioritizes home network traffics
- IPv6 support

Specifications

Network interfaces	Four 10/100 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
Internet connections	One 10/100 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
WLAN features	802.11 b/g/n, 2.4 GHz
Data transfer rate	Transmit: up to 300 Mbps* Receive: up to 300 Mbps*

Bandwidth management	WiFi WMM support
VPN pass-thru	IPSec, PPTP, L2TP
Protocols	PPPoE, PPTP, DHCP, static IP, DynDNS
Security	DoS, WPA-PSK, WPA2-PSK, WEP
Management	Intuitive user interface

Model	NBG6817	NBG6615	NBG6604	NBG6515	NBG-418N v2	
Description	 AC2600 MU-MIMO Dual-Band Wireless Gigabit Router	 AC1200 MU-MIMO Dual-Band Wireless Gigabit Router	 AC1200 Dual-Band Wireless Router	 AC750 Dual-Band Wireless Gigabit Router	 Wireless N300 Home Router	
WLAN Feature						
Wireless Data Transfer Rate*	800 Mbps (2.4 GHz) 1733 Mbps (5 GHz)	300 Mbps (2.4 GHz) 867 Mbps (5 GHz)	300 Mbps (2.4 GHz) 867 Mbps (5 GHz)	300 Mbps (2.4 GHz) 433 Mbps (5 GHz)	300 Mbps (2.4 GHz)	
Wifi Standard	802.11 a/b/g/n/ac	802.11a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 b/g/n	
Radio Band	2.4/5 GHz concurrent	2.4/5 GHz concurrent	2.4/5 GHz concurrent	2.4/5 GHz concurrent	2.4 GHz	
WMM QoS	Yes	Yes	Yes	Yes	Yes	
MU-MIMO	Yes	Yes	-	-	-	
Beamforming	Yes	Yes	Yes	-	-	
Hardware						
WAN/LAN Ports	1/4 (Gigabit)	1/4(Gigabit)	1/4	1/4 (Gigabit)	1/4	
USB Port(s)	USB 3.0 x 1 USB 2.0 x 1	-	-	USB 2.0 x 1	-	
Antenna	External: 2.4 GHz: 4 5 GHz: 4	External: 2.4 GHz: 2 5 GHz: 2	External: 2.4 GHz: 2 5 GHz: 2	External: 2.4 GHz: 2 5 GHz: 1	External: 2.4 GHz: 2	
WPS Button	Yes	Yes	Yes	Yes	Yes	
Protocol						
Static IP	Yes	Yes	Yes	Yes	Yes	
DHCP	Yes	Yes	Yes	Yes	Yes	
PPPoE	Yes	Yes	Yes	Yes	Yes	
PPTP	Yes	Yes	-	-	Yes	
Static DHCP	Yes	Yes	Yes	Yes	Yes	
System Features						
Operation Modes	Access Point Mode	Yes	Yes	Yes	Yes	
	Client Bridge Mode	-	-	-	-	Yes
	Universal Repeater Mode	-	-	-	Yes	Yes
Bandwidth Management	Protocol QoS	-	-	-	Yes	-
	Bandwidth Allocation	-	-	-	Yes	-
Smart QoS (Streamboost™)	Yes	-	-	-	-	
Usage Monitor	Yes	-	-	-	-	
Auto Time Zone Detect	Yes	Yes	Yes	-	-	
Auto-IP Change	Yes	Yes	Yes	Yes	Yes	
Online Firmware Upgrade	Yes	Yes	Yes	Yes	Yes	
IGMP v1/v2	Yes	Yes	Yes	Yes	-	
OneConnect	Yes	-	Yes	-	-	
Wizard eaZy123	Yes	Yes	Yes	Yes	-	
Security						
DoS Firewall Security	Yes	Yes	Yes	Yes	Yes	
WPA/WPA2	Yes	-	-	-	-	
WPA-PSK/WPA2-PSK	Yes	Yes	Yes	Yes	Yes	
MAC Address Filtering	Yes	Yes	Yes	Yes	-	
Green Features						
Wireless Scheduling	Yes	Yes	Yes	Yes	Yes	
Output Power Management	Yes	Yes	Yes	Yes	Yes	
Wireless On/Off Switch (Button)	Yes	-	-	Yes	-	
Power On/Off Switch	Yes	-	-	Yes	Yes	

* The maximum wireless data transfer rate 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.



Wireless Extenders

24 Range Extenders

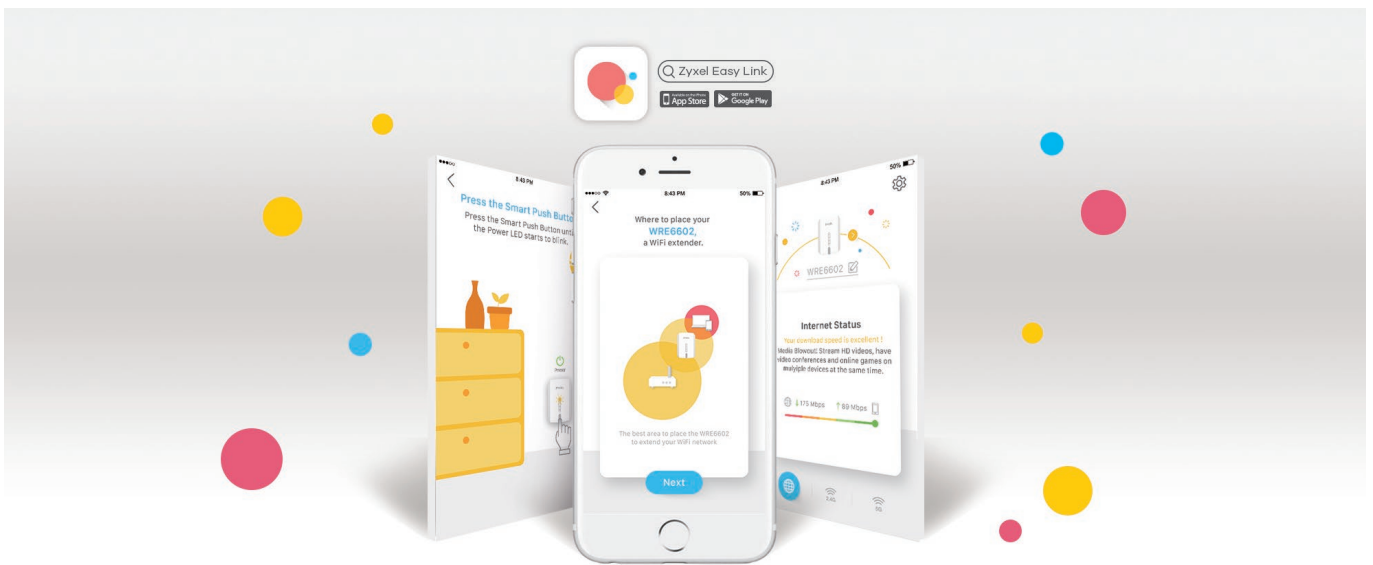
25 Access Point

26 Wireless Adapters

A little box of brilliance

Easy Link App for guided setup

No WPS? No problem. Our Easy Link app for both iOS and Android can get your WiFi network extended through your smartphone with its easy step-by-step guide.



Smart Push Setup

No more complicated setup, just push the WPS button on your WiFi router and the Zyxel extender to get your router's WiFi network extended!



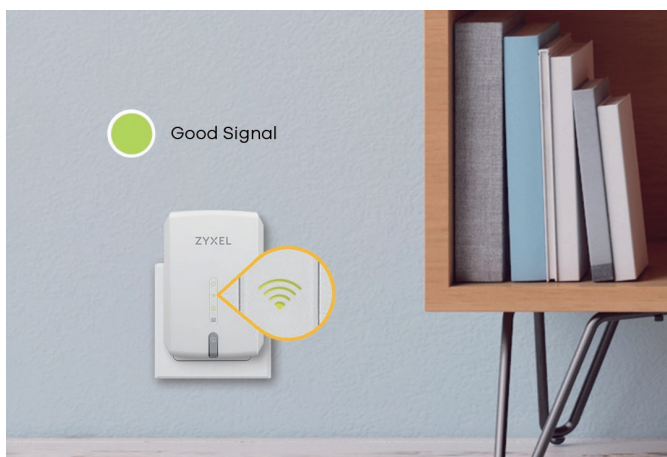
Gain wireless network coverage and reliability

Eliminate dead zones by expanding your existing WiFi with fast AC1200 MIMO speed. Get stronger signals for better wireless network reliability.



Location indicators

The smart LED indicates the strength of the receiving signal of the Zyxel WRE6602 from the existing wireless network, making it easier to find the best spot to place the extender for maximum wireless coverage.



Two WiFi Modes

Supports both for extending your existing WiFi network (repeater mode) or creating a stand-alone powerful WiFi network (access point mode).



WRE6602

AC1200 Dual Band WiFi Range Extender



Specifications

Network interfaces	One 10/100 Mbps Ethernet RJ-45 port	Special features	Multi-colored LED indicates network quality, Ethernet link/activity, encrypt/reset button for easy security
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands	Green features	Power on/off button, interactive link detection, cable length detection
Data transfer rate	Transmit and receive: up to 300 Mbps* for 2.4 GHz Transmit and receive: up to 867 Mbps* for 5 GHz	Dimensions (WxDxH)	46 x 62 x 90 mm (1.83" x 2.45" x 3.57")

- Compact wall-mount design for convenient placement
- Expanding dual-band concurrent wireless coverage of the existing 802.11 a/b/g/n/ac networks easily
- Enjoy high-speed networking through MIMO technology
- All-in-one operational modes: AP mode and repeater mode supported
- Signal strength light indicator to help finding the best installation spots for extending your WiFi network

WRE6505 v2

Wireless AC750 Range Extender



Specifications

Network interfaces	One 10/100 Mbps Ethernet RJ-45 port	Special features	2.4 GHz & 5 GHz signal strength LED indicators
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands	Green features	LED on/off
Data transfer rate	Transmit and receive: up to 300 Mbps* for 2.4 GHz Transmit and receive: up to 433 Mbps* for 5 GHz	Dimensions (WxDxH)	54 x 45 x 77 mm (2.16" x 1.78" x 3.06")

- Compact design — dimensions smaller than a credit card
- Extends your existing 802.11ac dual-band WiFi network for better speed and coverage
- Easily extends a WiFi network with the one-touch WPS button
- 3 selectable extension modes for faster or wider wireless coverage
- Signal strength light indicator helps finding the best installation spots for extending WiFi networks

WRE2206

Wireless N300 Range Extender



- Easily extends wireless coverage of the existing 802.11 b/g/n networks
- High-performance and doubled home network coverage
- Compact wall-mount design for convenient placement
- Online firmware upgrade service for convenient feature enhancements
- Signal strength LED indicates the best set up location

Specifications

Network interfaces	One 10/100 Mbps Ethernet RJ-45 port with auto MDI/MDIX support	Security	64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
WLAN features	802.11 b/g/n, 2.4 GHz	Special features	WPS button, LED indicators, Online firmware upgrade
Data transfer rate	Transmit: up to 300 Mbps* Receive: up to 300 Mbps*	Dimensions (WxDxH)	83 x 75 x 55 mm (3.27" x 3.07" x 2.17")
Bandwidth management	WiFi WMM support		

ARMOR X1 (WAP6806)

Wireless AC2100 Dual-Band Gigabit Access Point/Range Extender



- Wireless speeds of up to 2100 Mbps* with dual-band 802.11ac
- 6 internal antennas for optimal coverage
- 4 Gigabit Ethernet ports to connect media devices
- Multiple mode selections for AP, Repeater and Client for wireless needs
- Boost wireless performance for range or speed requirements
- Support WiFi profile auto configuration via ONE Connect-ready router

Specifications

Network interfaces	Four 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support	Special features	ZyXEL ONE Connect support, Repeater/AP/Client mode
WLAN features	802.11 a/b/g/n/ac, concurrent 2.4 GHz/5 GHz radio bands	Green features	Power on/off switch
Data transfer rate	Transmit and receive: up to 300 Mbps* for 2.4 GHz Transmit and receive: up to 1733 Mbps* for 5 GHz	Dimensions (WxDxH)	37 x 134 x 218 mm (1.46" x 5.28" x 8.58")

WAP3205 v3

Wireless N300 Access Point



- AP, repeater and client modes supported
- High-gain antenna for enhanced WiFi coverage
- Detachable antenna design
- Compact, wall-mount design for flexible placement options
- 5 Fast Ethernet ports to connect media devices

Specifications

Network interfaces	Five 10/100 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
WLAN features	802.11 b/g/n, 2.4 GHz radio band
Data transfer rate	Transmit: up to 300 Mbps* Receive: up to 300 Mbps*

Special features	AP/Repeater/Client mode
Green features	Power on/off switch
Dimensions (WxDxH)	142 x 95 x 23 mm (5.59" x 3.74" x 0.91")

NWD6605

Dual-Band Wireless AC1200 USB Adapter



- 802.11ac technology with backward compatibility with 802.11 a/b/g/n that offers wireless data transfer rates of up to 300 Mbps* at 2.4 GHz or 867 Mbps* at 5 GHz
- Dual-band network optimizes HD media and Web browsing for simultaneous access from mobiles, laptop and desktop users
- USB 3.0 interface for high-speed network experience
- Microsoft Windows 8 certified
- Easy setup with WiFi Protected Setup (WPS)
- Convenient USB extension cable

Specifications

WLAN features	802.11 b/g/n 2.4 GHz 802.11 a/n/ac 5 GHz
Data transfer rate	Transmit/Receive: 300 Mbps* (2.4 GHz), 867 Mbps* (5 GHz)
USB interface	USB 3.0
Security	WPA, WPA2, WPA-PSK, WPA2-PSK, WEP, WiFi Protected Setup (WPS) hardware button

QoS	WiFi WMM support
Operation modes	Client mode
Certification	CE, WiFi, WMM, Microsoft Windows 7/8
Dimensions (WxDxH)	95 x 29 x 13 mm (3.74" x 1.14" x 0.51")

NWD6505

Dual-Band Wireless AC600 USB Adapter








- 802.11ac technology offers backward compatibility with 802.11 a/b/g/n and wireless data transfer rates of up to 150 Mbps* at 2.4 GHz or 433 Mbps* at 5 GHz
- Dual-band network optimizes HD media and Web browsing for simultaneous access from mobiles, laptop and desktop users
- Microsoft Windows 8 certified
- Easy setup with WiFi Protected Setup (WPS)
- Convenient USB extension cable

Specifications

WLAN features	802.11 b/g/n 2.4 GHz 802.11 a/n/ac 5 GHz
Data transfer rate	Transmit/Receive: 150 Mbps* (2.4 GHz), 433 Mbps* (5 GHz)
USB interface	USB 2.0
Security	WPA, WPA2, WPA-PSK, WPA2-PSK, WEP, WiFi Protected Setup (WPS) hardware button

QoS	WiFi WMM support
Operation modes	Client mode
Certification	CE, WiFi, WMM, Microsoft Windows 7/8
Dimensions (WxDxH)	58 x 21 x 11 mm (2.28" x 0.83" x 0.43")

Model	WRE6602	WRE6505 v2
Description	 Wireless AC1200 Range Extender	 Wireless AC750 Range Extender
WLAN Features		
Wireless Data Transfer Rate*	300 Mbps (2.4 GHz) 867 Mbps (5 GHz)	300 Mbps (2.4 GHz) 450 Mbps (5 GHz)
WiFi Standard	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Radio Band	2.4/5 GHz concurrent	2.4/5 GHz concurrent
Hardware		
LAN Ports	1	1
Antenna	Internal: 4	Internal: 3
WPS Button	Yes	Yes
LED On/Off Button	-	Yes
Security		
WPA-PSK/WPA2	Yes	Yes
MAC Address Filtering	-	Yes
Green Features		
Wireless Scheduling	Yes	Yes
Output Power Management	Yes	Yes
Wireless On/Off Switch	Yes	Yes
Power On/Off Switch	Yes	Yes
Operation Modes		
Access Point	Yes	Yes
Client	-	-
Repeater	Yes	Yes
Dimensions (WxDxH)(mm)		
Packaging/Product	247 x 155 x 61/46.5 x 62.3 x 90.9	138 x 122 x 95/54.8 x 45.2 x 77.8

Model	WRE2206	WAP6806	WAP3205 v3
Description	 Wireless N300 Range Extender	 AC2100 Dual-Band Wireless Gigabit Access Point/Range Extender	 Wireless N300 Access Point
WLAN Features			
Wireless Data Transfer Rate*	300 Mbps	300 Mbps (2.4 GHz) 1733 Mbps (5 GHz)	300 Mbps
WiFi Standard	802.11 b/g/n	802.11 a/b/g/n/ac	802.11 b/g/n
Radio Band	2.4 GHz	2.4/5 GHz concurrent	2.4 GHz
Hardware			
LAN Ports	1	4	4
Antenna	Internal: 2	Internal: 6	External (Detachable): 2
WPS Button	Yes	Yes	Yes
LED On/Off Button	Yes (press 3 times WPS button)	-	-
Security			
WPA-PSK/WPA2	Yes	Yes	Yes
MAC Address Filtering	Yes	Yes	Yes
Green Features			
Wireless Scheduling	Yes	Yes	Yes
Output Power Management	Yes	Yes	Yes
Wireless On/Off Switch	-	Yes	-
Power On/Off Switch	-	Yes	Yes
Operation Modes			
Access Point	-	Yes	Yes
Client	-	Yes	Yes
Repeater	Yes	Yes	Yes
Dimensions (WxDxH)(mm)			
Packaging/Product	138 x 122 x 95/54.8 x 45.2 x 77.8	307 x 99 x 185/37 x 134 x 218	288 x 61 x 205/142 x 95 x 23

* The maximum wireless data transfer rate 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.



Powerline

31 Powerline and Adapters

Transform power outlets into Gigabit networks

An Effortless Solution to Get Your Devices Connected

Zyxel Powerline networking products transform your power outlets into a robust wired network – a great networking solution for users looking to expand networks without the hassle of rewiring Ethernet in their home or offices.

Flexible Placement for Optimal Signal Extension

Easily plug in the wireless extender without the messy wiring. Keep your home looking clean with its unobtrusive design.



PLA5456

1800 Mbps Powerline 2-Port Gigabit Pass-Thru Ethernet Adapter



- Data transfer rates of up to 1800 Mbps* for multiple simultaneous HD video streams
- Enjoy high-speed networking and complete coverage through MIMO technology
- Two Gigabit Ethernet ports provide real-time services such as Voice over IP (VoIP) and IPTV
- AC pass-through design with noise filtering socket

Specifications

Network interfaces	Two 10/100/1000 Mbps RJ-45 ports with auto MDI/MDIX support	Special features	Multi-colored LED indicates powerline network quality, encrypt/reset button for easy security and reset function, built-in extra power outlet and built-in noise filter
Powerline features	Compliant with HomePlug AV2 MIMO, compatible with HomePlug AV and IEEE 1901	Green features	Power-saving mode
Data transfer rate	Up to 1800 Mbps* via power line	Dimensions (WxDxH)	133 x 71 x 38 mm (4.48" x 2.55" x 1.77")

PLA5405 v2

1300 Mbps MIMO Powerline Gigabit Ethernet Adapter



- Multiple data streams (MIMO) with beamforming technology provide better coverage and more stable networks
- Gigabit Ethernet interface connection
- Plug-and-Play feature means it's simple and easy to create a PowerLine network
- Speeds of up to 1300 Mbps using HomePlug AV2 MIMO technology make it ideal for activities like 4K video streaming
- Compact design – with dimensions smaller than a credit card

Specifications

Network interfaces	One 10/100/1000 Mbps RJ-45 connector with auto MDI/MDIX support	Special features	Multi-colored LED indicates powerline network quality, Ethernet link/activity, encrypt/reset button for easy security
Powerline features	Compliant with HomePlug AV2 MIMO, compatible with HomePlug AV and IEEE 1901	Green features	Power-saving mode
Data transfer rate	Up to 1300 Mbps* via power line	Dimensions (WxDxH)	81 x 55.8 x 27.9 mm (3.19" x 2.20" x 1.10")

Model	PLA5456	PLA5405 v2
Description		
	AV2000 HomePlugAV2 Powerline 2-Port Gigabit Pass Thru Ethernet Adapter	1300 Mbps MIMO Powerline Gigabit Ethernet Adapter

System Overview		
Standard	HomePlug AV2, MIMO**	HomePlug AV2, MIMO**
PHY Rate*	1800 Mbps	1300 Mbps
Key Features		
Plug-and-Play Design	Wallmount type	Wallmount type
QoS	Yes	Yes
Built-in Noise Filter	Yes	Yes
LED Indicators to Identify Powerline Link/Quality	Yes	Yes
Hardware		
Ethernet Port	2 (Gigabit)	1 (Gigabit)
Coaxial Connector	-	-
Power Outlet	1	-
Encrypt Button	Yes	Yes
WPS Button	-	-
Power Button	-	-
Plug Type	EU, US, UK, CH	EU, US, UK
Security		
128-bit AES	Yes	Yes
WEP/WPA/WPA2	-	-
Green Features		
Power-Saving Mode	Yes	Yes
Dimensions (WxDxH)(mm)		
Packaging/Product	231 x 185 x 95/133.5 x 71.1 x 38.6	155 x 135 x 75/81 x 55.8 x 27.9

* The theoretical maximum channel data transfer rate is derived from IEEE 1901/HomePlug AV/HomePlug AV2/HomePNA 3.1 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, noise on electrical wires, quality of electrical installation and other adverse conditions.

** The MIMO transmission is limited with the ground pin environments such as connectivity, distance, quality of electrical installation and other adverse conditions.



Switches

36 Web Managed Switches

37 Unmanaged Switches

Empower your connected devices

The Power of PoE+

The GS1200-5HP v2/GS1200-8HP v2 support the IEEE 802.3at standard, providing a maximum of 30 watts per port (with a max total power budget of 60 watts) to supply power to PoE network devices like wireless APs, IP cameras and VoIP phones. Web GUI management enables you to monitor the power status on each port and/or reboot the network devices, as needed.



Easy Management with Our Easy-to-Use GUI Setup Wizard

GS1200-5HP v2/GS1200-8HP v2 come with a user-friendly web-based setup wizard that walks you through the setup, configuration, and management — including configuration backups and firmware upgrades — quickly and easily. With a few simple clicks, your network will be running solidly, so you can get back to business.



Link Aggregation increase throughput

GS1200-5HP v2/GS1200-8HP v2 combines 2 physical ports together to make a single high-bandwidth data path, for faster file transfers and to enhance connection reliability.



Virtual LAN for Enhanced Network Security

Simple control functions help you divide and prioritize VLAN network traffic for better security, management, and any additional resource planning.



GS1200-5HP v2/GS1200-8HP v2

5-Port/8-Port Web Managed PoE Gigabit Switch



GS1200-5HP v2



GS1200-8HP v2

Specifications

Network interfaces	Five/Eight RJ-45 10/100/1000 Mbps Ethernet ports with four 1000BASE-T PoE
Performance	10/16 Gbps switching capacity, 128/192 KB packet buffer
Standard compliance	<ul style="list-style-type: none"> • IEEE 802.1p CoS • IEEE 802.3x flow control • IEEE 802.3at PoE Plus (30W per port) • IEEE 802.1Q VLAN tagging

- Four Gigabit high-power PoE+ ports with 60 watt total PoE budget
- Link Aggregation for faster file transfers and to enhance connection reliability
- Quality of Service feature for better traffic control
- Streaming applications, multicast IGMP snooping v1/v2 and v3 compatible
- Virtual LAN for enhanced network security

Special features	Web-based management, link aggregation, loop detection/prevention, port mirroring, 5/8 ports VLAN supported, port-based QoS, broadcast storm control, IGMP snooping v1/v2 and v3 compatible
Dimensions (WxDxH)	GS1200-5HP v2: 193 x 84 x 26 mm (7.6" x 3.3" x 1.0") GS1200-8HP v2: 240 x 105 x 26 mm (9.45" x 4.1" x 1.0")

GS1200-5/GS1200-8

5-Port/8-Port Web Managed Gigabit Switch



GS1200-5



GS1200-8

Specifications

Network interfaces	Five/Eight RJ-45 10/100/1000 Mbps Ethernet ports with four 1000BASE-T
Performance	10/16 Gbps switching capacity, 128/192 KB packet buffer
Standard compliance	<ul style="list-style-type: none"> • IEEE 802.1p CoS • IEEE 802.3x flow control • IEEE 802.1Q VLAN tagging

- Intuitive Web management
- Link Aggregation for faster file transfers and to enhance connection reliability
- Quality of Service feature for better traffic control
- Streaming applications, multicast IGMP snooping v1/v2 and v3 compatible
- Virtual LAN for enhanced network security

Special features	Web-based management, link aggregation, loop detection/prevention, port mirroring, 5/8 ports VLAN supported, port-based QoS, broadcast storm control, IGMP snooping v1/v2 and v3 compatible
Dimensions (WxDxH)	GS1200-5: 121 x 75 x 26 mm (4.8" x 3.0" x 1.0") GS1200-8: 155 x 85 x 26 mm (6.1" x 3.3" x 1.0")

GS1005HP/GS1008HP

5-Port/8-Port Gigabit Unmanaged PoE Switch



GS1005HP



GS1008HP

Specifications

Network interfaces	Five/Eight RJ-45 10/100/1000 Mbps Ethernet ports with four/eight 1000BASE-T PoE
Performance	10/16 Gbps switching capacity, 128/192 KB packet buffer

- 4/8 Gigabit high-power PoE+ ports with 60 watt total PoE budget
- LED indicators for PoE budget management
- Smooth multimedia streaming with blazing-fast gigabit connection
- Automatically detects network traffic and adjusts power consumption
- Fanless design ensures noiseless operation and greater reliability

Standard compliance	<ul style="list-style-type: none"> • IEEE 802.1p QoS • IEEE 802.3x flow control • IEEE 802.3at PoE Plus (30 W per port)
Dimensions (WxDxH)	GS1005HP: 121 x 75 x 26 mm (4.8" x 3.0" x 1.0") GS1008HP: 240 x 105 x 26 mm (9.44" x 4.13" x 1.02")

GS-105B v3/GS-108B v3

5/8-Port Desktop Gigabit Ethernet Switch



GS-105B v3



GS-108B v3

Specifications

Network interfaces	Five/Eight RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support
Performance	Store-and forward technology, half and full duplex operation, 802.3x flow control
Backplane	10/16 Gbps, non-blocking
Special features	QoS ports with high/medium prioritization

- Compact, sturdy desktop switch with alternative wall-mount installation
- Connect up to 5/8 network devices at Gigabit wire speed
- QoS ports for smooth VoIP and data transfer of high- and medium-priority applications
- Green switch for energy saving

Green features	IEEE 802.3az Energy Efficient Ethernet, Power saving per link status and cable length detection
Dimensions (WxDxH)	GS-105B v3: 121 x 75 x 26 mm (5.0" x 3.2" x 3.7") GS-108B v3: 154 x 85 x 26 mm (6.3" x 3.5" x 3.7")

GS-105S v2/GS-108S v2

5-Port/8-Port Desktop Gigabit Ethernet Media Switch



GS-105S v2



GS-108S v2

Specifications

Network interfaces	Five/Eight RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support
Performance	Store-and-forward technology, half and full duplex operation, 802.3x flow control
Backplane	10 Gbps, non-blocking (GS-105S v2) 16 Gbps, non-blocking (GS-108S v2)
Memory buffer	128 KB/192 KB (GS-105S v2/GS-108S v2)
MAC address	2K/4K (GS-105S v2/GS-108S v2)

- Smooth multimedia streaming and gaming through QoS ports with 3-level prioritization
- Bi-color LED indicators for Ethernet port status
- Plug-and-play, stylish design fitting all home environments
- Multimedia streaming with blazing Gigabit speed
- Green Ethernet for energy saving

Special features	QoS ports with high/medium/low prioritization
Green features	IEEE 802.3az Energy Efficient Ethernet, power saving via link status and cable length detection
Dimensions (WxDxH)	GS-105S v2: 99.1 x 67.6 x 28.6 mm (3.9" x 2.7" x 1.1") GS-108S v2: 138.1 x 67.6 x 28.6 mm (5.4" x 2.7" x 1.1")

ES-105A v3/ES-108A v3

5-Port/8-Port Desktop Fast Ethernet Switch



ES-105A v3



ES-108A v3

Specifications

Network interfaces	Five/Eight RJ-45 10/100 Mbps Ethernet ports with auto MDI/MDIX support
Performance	Store-and-forward technology, half and full duplex operation, 802.3x flow control
Backplane	1.0 Gbps, non-blocking (ES-105A v3) 1.6 Gbps, non-blocking (ES-108A v3)
Special features	QoS ports with high prioritization

- Compact, sturdy design with alternative wallmount design
- Optimal bandwidth for media traffic through high priority ports
- Enlarged memory buffer for smoother network performance
- Connects to multiple devices easily
- Power saving via link status and cable length detection

Green features	IEEE 802.3az Energy Efficient Ethernet, power saving via link status and cable length detection
Dimensions (WxDxH)	ES-105A v3: 121 x 75 x 26 mm (4.8" x 3.0" x 1.0") ES-108A v3: 155 x 85 x 26 mm (6.1" x 3.3" x 1.0")

ES-105E v2/ES-108E v2

5-Port/8-Port Desktop Fast Ethernet Switch



ES-105E v2







ES-108E v2





Specifications





Network interfaces	Five/Eight RJ-45 10/100 Mbps Ethernet ports with auto MDI/MDIX support
Performance	Store-and-forward technology, half and full duplex operation, 802.3x flow control
Backplane	1.0 Gbps, non-blocking (ES-105E v2) 1.6 Gbps, non-blocking (ES-108E v2)
Special features	QoS ports with high prioritization

- Compact, sturdy design with wall-mount alternative
- Optimal bandwidth for media traffic through high priority ports
- Enlarged memory buffer for smoother network performance
- Connects to multiple devices easily
- Power saving via link status and cable length detection

Green features	IEEE 802.3az Energy Efficient Ethernet, power saving via link status and cable length detection
Dimensions (WxDxH)	ES-105E v2: 99.1 x 67.6 x 28.6 mm (3.9" x 2.7" x 1.1") ES-108E v2: 138.1 x 67.6 x 28.6 mm (5.4" x 2.7" x 1.1")

Model	GS1200-5HP v2	GS1200-8HP v2	GS1200-5	GS1200-8
Description	 5-Port Web Managed PoE Gigabit Switch	 8-Port Web Managed PoE Gigabit Switch	 5-Port Web Managed Gigabit Switch	 8-Port Web Managed Gigabit Switch
Case	Metal	Metal	Metal	Metal
Key Features				
Auto MDI/MDI-X	Yes	Yes	Yes	Yes
Store and Forward	Yes	Yes	Yes	Yes
Full Duplex Capability	Yes	Yes	Yes	Yes
Flow Control	Yes	Yes	Yes	Yes
Hardware				
10/100 Mbps Ethernet Ports	-	-	-	-
10/100/1000 Mbps Ethernet Ports	5	8	5	8
10/100/1000 Mbps Ethernet PoE+ Ports	4	4	-	-
Performance				
Switching Capacity	10 Gbps	16 Gbps	10 Gbps	16 Gbps
MAC Address	2 K	4 K	2 K	4 K
Memory Buffer	128 KB	192 KB	128 KB	192 KB
Jumbo Frames	Up to 9 KB	Up to 9 KB	Up to 9 KB	Up to 9 KB
System Features				
Web GUI	Yes	Yes	Yes	Yes
802.3x Flow Control	Yes	Yes	Yes	Yes
DHCP Client	Yes	Yes	Yes	Yes
802.1Q VLAN	Yes	Yes	Yes	Yes
WRR Priority QoS	Yes	Yes	Yes	Yes
Port-based QoS	Yes	Yes	Yes	Yes
802.1p CoS	Yes	Yes	Yes	Yes
Broadcast Storm Control	Yes	Yes	Yes	Yes
Loop Detection/Prevention	Yes	Yes	Yes	Yes
IGMP Snooping v1/v2/and v3 Compatible	Yes	Yes	Yes	Yes
Link Aggregation	Yes	Yes	Yes	Yes
Port Mirroring	Yes	Yes	Yes	Yes
Green Features				
Fanless	Yes	Yes	Yes	Yes
Power Saving by Detecting Link Status & Cable Length	Yes	Yes	Yes	Yes
Dimensions (WxDxH)(mm)				
Packaging/Product	210 x 132 x 78/193 x 84 x 26	256 x 132 x 78/240 x 105 x 26	127 x 82 x 95/121x 75 x 26	161 x 90 x 95/155x 85 x 26

Model	GS1005HP	GS1008HP	GS-105B v3	GS-108B v3
Description	 5-Port Gigabit Unmanaged PoE Switch	 8-Port Gigabit Unmanaged PoE Switch	 5-Port Desktop Gigabit Ethernet Switch	 8-Port Desktop Gigabit Ethernet Switch
Case	Metal	Metal	Metal	Metal
Key Features				
Auto MDI/MDI-X	Yes	Yes	Yes	Yes
Store and Forward	Yes	Yes	Yes	Yes
Full Duplex Capability	Yes	Yes	Yes	Yes
Flow Control	Yes	Yes	Yes	Yes
Hardware				
10/100 Mbps Ethernet Ports	-	-	-	-
10/100/1000 Mbps Ethernet Ports	5	8	5	8
10/100/1000 Mbps Ethernet PoE+ Ports	4	8	-	-
Performance				
Switching Capacity	10 Gbps	16 Gbps	10 Gbps	10 Gbps
MAC Address	2 K	4 K	2 K	2 K
Memory Buffer	128 KB	192 KB	128 KB	128 KB
Jumbo Frames	9 KB	9 KB	Up to 9 KB	Up to 9 KB
System Features				
Web GUI	-	-	-	-
802.3x Flow Control	Yes	Yes	Yes	Yes
DHCP Client	-	-	-	-
802.1Q VLAN	-	-	-	-
WRR Priority QoS	-	-	-	-
Port-based QoS	Yes	Yes	Yes	Yes
802.1p CoS	-	-	-	-
Broadcast Storm Control	-	-	-	-
Loop Detection/Prevention	-	-	-	-
IGMP Snooping v1/v2/and v3 Compatible	-	-	-	-
Link Aggregation	-	-	-	-
Port Mirroring	-	-	-	-
Green Features				
Fanless	Yes	Yes	Yes	Yes
Power Saving by Detecting Link Status & Cable Length	Yes	Yes	Yes	Yes
Dimensions (WxDxH)(mm)				
Packaging/Product	210 x 132 x 78/ 121 x 75 x 26	256 x 132 x 78/240 x 105 x 26	129 x 84 x 96/121 x 75 x 26	161 x 90 x 96/154.5 x 85 x 26

Model	GS-105S v2	GS-108S v2	ES-105A v3	ES-108A v3
Description	 5-Port Desktop Gigabit Ethernet Media Switch	 5-Port Desktop Gigabit Ethernet Media Switch	 5-Port Desktop Fast Ethernet Switch	 8-Port Desktop Fast Ethernet Switch
Case	Plastic	Plastic	Metal	Metal
Key Features				
Auto MDI/MDI-X	Yes	Yes	Yes	Yes
Store and Forward	Yes	Yes	Yes	Yes
Full Duplex Capability	Yes	Yes	Yes	Yes
Flow Control	Yes	Yes	Yes	Yes
Hardware				
10/100 Mbps Ethernet Ports	-	-	5	8
10/100/1000 Mbps Ethernet Ports	5	8	-	-
10/100/1000 Mbps Ethernet PoE+ Ports	-	-	-	-
Performance				
Switching Capacity	10 Gbps	16 Gbps	1 Gbps	1.6 Gbps
MAC Address	2 K	2 K	1 K	1 K
Memory Buffer	128 KB	192 KB	56 KB	56 KB
Jumbo Frames	Up to 9 KB	Up to 9 KB	-	-
System Features				
Web GUI	-	-	-	-
802.3x Flow Control	Yes	Yes	Yes	Yes
DHCP Client	-	-	-	-
802.1Q VLAN	-	-	-	-
WRR Priority QoS	-	-	-	-
Port-based QoS	Yes	Yes	Yes	Yes
802.1p CoS	-	-	-	-
Broadcast Storm Control	-	-	-	-
Loop Detection/Prevention	-	-	-	-
IGMP Snooping v1/v2/and v3 Compatible	-	-	-	-
Link Aggregation	-	-	-	-
Port Mirroring	-	-	-	-
Green Features				
Fanless	Yes	Yes	Yes	Yes
Power Saving by Detecting Link Status & Cable Length	Yes	Yes	Yes	Yes
Dimensions (WxDxH)(mm)				
Packaging/Product	103 x 82 x 92/9.1 x 67.6 x 28.6	142 x 83 x 92/138.1 x 67.6 x 28.6	127 x 82 x 95/121 x 75 x 26	161 x 90 x 95/154.5 x 85 x 26

Model	ES-105E v2	ES-108E v2
Description	 5-Port Desktop Fast Ethernet Switch	 8-Port Desktop Fast Ethernet Switch
Case	Plastic	Plastic
Key Features		
Auto MDI/MDI-X	Yes	Yes
Store and Forward	Yes	Yes
Full Duplex Capability	Yes	Yes
Flow Control	Yes	Yes
Hardware		
10/100 Mbps Ethernet Ports	5	8
10/100/1000 Mbps Ethernet Ports	-	-
10/100/1000 Mbps Ethernet PoE+ Ports	-	-
Performance		
Switching Capacity	1.0 Gbps	1.6 Gbps
MAC Address	1 K	1 K
Memory Buffer	56 KB	56 KB
Jumbo Frames	-	-
System Features		
Web GUI	-	-
802.3x Flow Control	Yes	Yes
DHCP Client	-	-
802.1Q VLAN	-	-
WRR Priority QoS	-	-
Port-based QoS	Yes	Yes
802.1p CoS	-	-
Broadcast Storm Control	-	-
Loop Detection/Prevention	-	-
IGMP Snooping v1/v2/and v3 Compatible	-	-
Link Aggregation	-	-
Port Mirroring	-	-
Green Features		
Fanless	Yes	Yes
Power Saving by Detecting Link Status & Cable Length	Yes	Yes
Dimensions (WxDxH)(mm)		
Packaging/Product	99.1 x 67.6 x 28.6/103 x 82 x 92	138.1 x 67.6 x 28.6/142 x 83 x 92



Cloud Appliance

46 Cloud Access Camera

46 Personal Cloud Storage



Capture the moment, bring to light

Full HD Camera Powered by Sony's Image Sensor

Aurora is powered with a Sony sensor and paired with a fast F2.0 aperture lens, the Aurora can capture low light environments with high definition quality while retaining color. Capture a full large room with its ultra wide angle 145° lens.



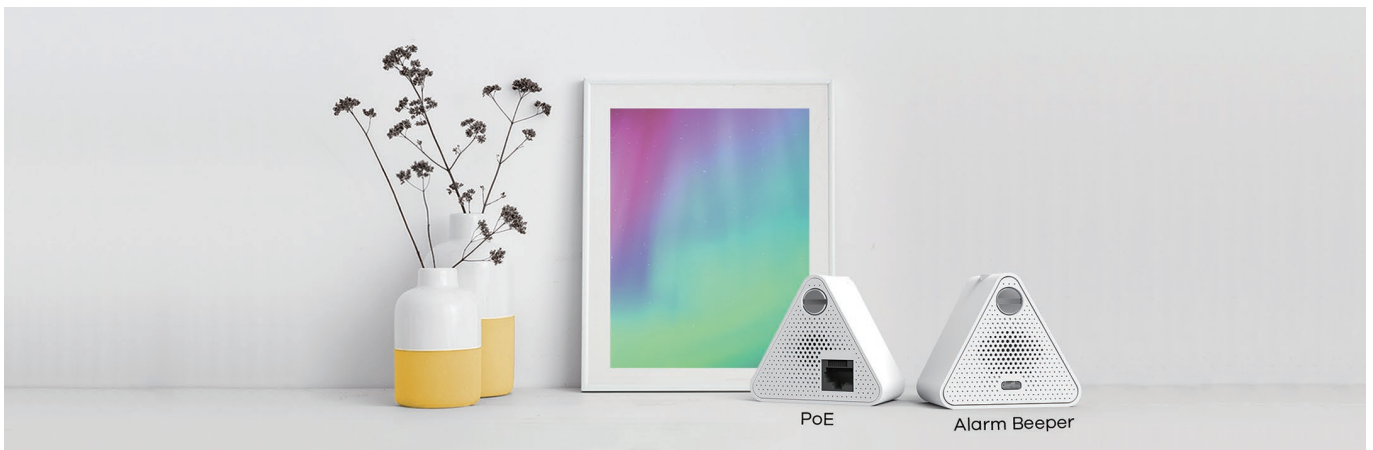
Multiple Deployment Flexibility

Install the Aurora with its flexible mounting options. Stand upright with the included stand. Use magnets to attach it to a metallic wall. Or lay it flat on a surface without any mounts.



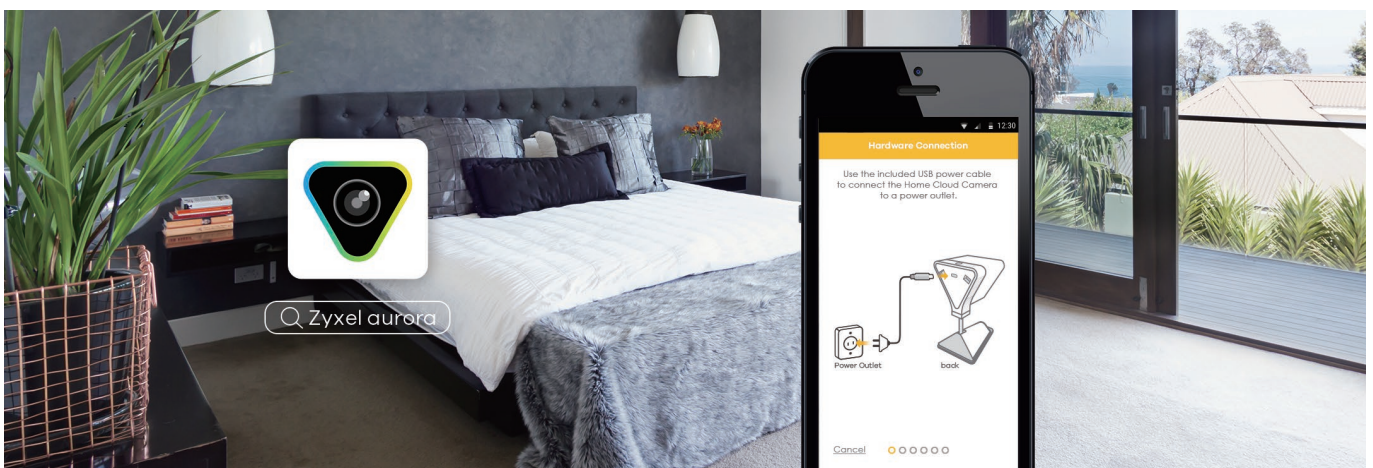
Simple Clip and Go to Add a Power-over-Ethernet or Alarm Beeper

Just attach the alarm module to the Aurora camera to fend off intruders with its loud beeping sound and alert the neighbors that something is happening in your home. The Zyxel Aurora's modular systems enable you to customize your security needs.



User-friendly and Intuitive App

Quickly get your home secured with Zyxel's guided step-by-step Aurora app. Use your smartphone to quickly get the Zyxel Aurora camera up and running within a few minutes. No additional fees for watching streaming video or to receive push notifications on your phone or by email.



Aurora (CAM3115)

Cloud Access Camera



- 4-in-1 placement design, standing, magnet, wall-mounted and sitting on the table
- From installation to recording live views all in an easy, secure 1-minute setup
- Full color recording under low-light conditions
- 145-degree field of view with 1080p Full HD video quality
- Add PoE, alarm beeper, or get both with our two-in-one by simply clipping it on!

Specifications

Network	WiFi 802.11n, Bluetooth 4.1
Image sensor	Sony 1/2.8", 2.1 Megapixel
Lens	6 glass elements with IR filter Focal lens 2.8 mm/F 2.0
Field of view	145°
Format	Video: 720p/1080p H.264; Audio: AAC

Storage plan	Free built-in 16 GB
Recording mode	By motion (25 detection zones) By schedule 24/7 continuous, and instant notifications
ZyXel Aurora app	Compatible with Android and iOS
Dimensions (WxDxH)	129 x 68 x 83 mm (5.08" x 2.68" x 3.27")

NAS542

4-Bay Personal Cloud Storage



- Zero-configuration design for remote access from ZyXel Drive app
- Easy to use mobile group sharing from your own personal cloud
- Easy to setup, maintain and organize
- RAID 5 read/write performance at 111/77 MB/s
- Backup everything with complete protection
- Stream multimedia contents to big screen TV
- Instant upload for automatic phone backup
- Support ZyXel Aurora recording backup via Aurora SyncBackup package

Specifications

Network interfaces	Two Gigabit Ethernet RJ-45 ports with auto MDI/MDIX support
External HD support	Three USB 3.0 ports
Internal HD support	2.5" or 3.5" SATA II hard disk up to 32 TB
System management	JBOD, RAID0, RAID1, RAID5, RAID6, RAID10, RAID5+ Hot-Spare

Network protocols	CIFS/SMB, NFS (for Linux/Unix), FTP, HTTP, DHCP client, PPPoE, Network Time Protocol (NTP), iSCSI
Data management	Instant/Scheduled backup, NAS to NAS synchronization/archive backup, NAS to external USB hard disk backup
Special features	Intuitive user interface, myZyXelCloud service, ZyXel Drive app

NAS540

4-Bay Personal Cloud Storage



Specifications

Network interfaces	Two Gigabit Ethernet RJ-45 ports with auto MDI/MDIX support	Network protocols	CIFS/SMB, NFS (for Linux/Unix), FTP, HTTP, DHCP client, PPPoE, Network Time Protocol (NTP), iSCSI
External HD support	Three USB 3.0 ports	Data management	Instant/Scheduled backup, NAS to NAS synchronization/archive backup, NAS to external USB hard disk backup
Internal HD support	2.5" or 3.5" SATA II hard disk up to 32 TB	Special features	Intuitive user interface, myZyXelCloud service, ZyXel Drive app, zCloud app
System management	JBOD, RAID0, RAID1, RAID5, RAID6, RAID10, RAID5+ Hot-Spare		

- Zero-configuration design for remote access from ZyXel Drive app
- Easy to use mobile group sharing from your own personal cloud
- Easy to setup, maintain and organize
- RAID 5 read/write performance at 130/77 MB/s
- Backup everything with complete protection
- Stream multimedia contents to big screen TV
- Instant upload for automatic phone backup
- Support ZyXel Aurora recording backup via Aurora SyncBackup package

NAS326




2-Bay Personal Cloud Storage



Specifications

Network interfaces	One Gigabit Ethernet RJ-45 port with auto MDI/MDIX support	Network protocols	CIFS/SMB, NFS (for Linux/Unix), FTP, HTTP, DHCP client, PPPoE, Network Time Protocol (NTP), iSCSI
External HD support	Two USB 3.0 ports, one USB 2.0 port	Data management	Instant/Scheduled backup, NAS to NAS synchronization/archive backup, NAS to external USB hard disk backup
Internal HD support	2.5" or 3.5" SATA II hard disk up to 16 TB	Special features	Intuitive user interface, myZyXelCloud service, ZyXel Drive app, zCloud app
System management	JBOD, RAID0, RAID1		

- Zero-configuration design for remote access from ZyXel Drive app
- Easy to use mobile group sharing from your own personal cloud
- User portal as device status dashboard
- Easy to setup, maintain and organize
- RAID 1 read/write performance at 105/105.8 MB/s
- Instant upload for automatic phone backup
- Support ZyXel Aurora recording backup via Aurora SyncBackup package

Model	NAS542	NAS540	NAS326
Description	 4-Bay Personal Cloud Storage	 4-Bay Personal Cloud Storage	 2-Bay Personal Cloud Storage
Hardware			
CPU/RAM	ARM®v7 Cortex®-A9 ARM Freescale dual-core 1.2 GHz processor	ARM®v7 Cortex®-A9 ARM Freescale dual-core 1.2 GHz processor	ARM®v7 Cortex®-A9 Marvell A380 1.3 GHz Dual Thread
Internal HDD Support	2.5" or 3.5" SATA (up to 32 TB)	2.5" or 3.5" SATA (up to 32 TB)	2.5" or 3.5" SATA (up to 16 TB)
External HDD Support	USB 3.0 x 3	USB 3.0 x 3	USB 2.0 x 1, USB 3.0 x 2
Gigabit LAN Port	2	2	1
SD Card	1	1	-
Copy/Sync Button	Yes	Yes	Yes
RAID Support	JBOD, 0, 1, 5, 6, 10, 5+ Spare	JBOD, 0, 1, 5, 6, 10, 5+ Spare	0, 1, JBOD
Application Support			
FW Version	NSM5.21	NSM5.21	NSM5.21
Zero Configuration	findme.zyxel.com	findme.zyxel.com	findme.zyxel.com
myZyxelcloud	Yes	Yes	Yes
Twonky Media Server	DLNA 1.5 Media Server/UPnP AV Server	DLNA 1.5 Media Server/UPnP AV Server	DLNA 1.5 Media Server/UPnP AV Server
iTunes Server	Yes	Yes	Yes
Logitech Media Server	Yes	Yes	Yes
Web Server	PHP/MySQL/FTP Server/RSS Client & Server	PHP/MySQL/FTP Server/RSS Client & Server	PHP/MySQL/FTP Server/RSS Client & Server
Photo Album Server	Yes	Yes	Yes
Print Server	CIFS	CIFS	CIFS
Backup/Synchronization			
Work with ownCloud	Yes	Yes	Yes
Work with Google Drive	Yes	Yes	Yes
Work with Dropbox	Yes	Yes	Yes
Work with memopal	Yes	Yes	Yes
NAS Access Method			
AFP, NFS, SMB, WebDAV, iSCSI	Yes	Yes	Yes
Mobile app			
Social sharing Zyxel Drive app	Yes	Yes	Yes
Playback via zCloud app	Yes	Yes	Yes
Data Management			
File System Support	<ul style="list-style-type: none"> Internal HDD: EXT4 External HDD: NTFS, EXT2, EXT3, EXT4, FAT32, HFS+ (read only), exFAT 		
Backup Support	<ul style="list-style-type: none"> One-touch copy/sync button for external USB-capable devices backup Backup planner: <ul style="list-style-type: none"> Instant/Scheduled backup NAS to NAS synchronization/archive backup NAS to external USB hard disk backup Rsync (backup with other brand NAS) Aurora SyncBackup (backup with Zyxel Aurora) 		
Apple Time Machine	Yes	Yes	Yes
Download Support	<ul style="list-style-type: none"> Auto-download from FTP/HTTP/P2P Scheduled download 		<ul style="list-style-type: none"> Auto-download from FTP/HTTP/P2P Scheduled download
Upload Support	Auto-upload photos and videos to YouTube/Flickr/FTP Server		Auto-upload photos and videos to YouTube/Flickr/FTP Server
Storage	iSCSI	iSCSI	iSCSI
System Management			
Online Firmware Upgrade	Yes	Yes	Yes
Hard Disk Failure Detection (S.M.A.R.T)	Yes	Yes	Yes
System Management			
Wake-on-LAN	Yes	Yes	Yes
Schedule Power On/Off	Yes	Yes	Yes
Internal HDD Hibernation	Yes	Yes	Yes
Smart Fan	Yes (120 x 120 mm)	Yes (120 x 120 mm)	Yes (80 x 80 mm)
3rd Party function			
NZBGet/Transmission/pyLoad Gallery/WordPress/Tftp/NFS PHP-MySQL	Yes	Yes	Yes

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