



PRODUCT PORTFOLIO^{!!!}



ZyXel Networks

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HOME WIRELESS SOLUTIONS

Home Routers



AC2600 Gaming router

Armor Z2 (NBG6817)

- AC2600 802.11ac compliant dual-radio router
- Wave 2 MU-MIMO for faster performance
- StreamBoost QoS Technology to optimize your streaming and gaming experience
- 2 USB ports for file sharing and photo backup



AC2600 Multi-Gigabit Security WiFi Router

NBG6818 - Available Q2

- AC2600 802.11ac compliant dual-radio router
- 8x8 antenna design for optimal coverage
- 2.5G WAN port for multi-gigabit Internet service
- Supports AiShield for ultimate home protection

STORAGE SOLUTIONS

Cloud Storage & Streaming



2-Bay Personal Cloud Storage

NAS326

- Zero-configuration design for remote access from Zyxel Drive
- Easy to use mobile group sharing from your own personal cloud
- 3x USB Ports for backup and sharing of external storage devices
- 1.3 GHz Single Core CPU



4-Bay Personal Cloud Storage and Media Streaming

NAS540

- Zero-configuration design for remote access from Zyxel Drive
- Easy to use mobile group sharing from your own personal cloud
- 3x USB 3.0 Connectors for backup and sharing of external storage devices
- 1.2 GHz Dual Core CPU
- JBOD, RAID 0/1/5/6/10, RAID 5+ Hot Spare

WIRED LAN ADAPTERS

Powerline Ethernet Adapters



AV1300 Powerline Gigabit Ethernet Adapter Kit PLA5405v2 KIT

- HomePlug AV2 data rates up to 1300 Mbps*
- MIMO Support for better range and performance in most homes
- Plug and Play Installation, no setup required
- Compact Design to take up less space on your wall and better blend in



AV2000 Powerline Gigabit Ethernet Adapter Kit PLA5456 KIT

- HomePlug AV2 data rates over 1800 Mbps*
- MIMO Support for better range and performance in most homes
- Plug and Play Installation, no setup required
- AC pass-through design with embedded noise filter for reduced power interference
- 2x Gigabit Ethernet ports for plugging in multiple devices



G.hn wave 2 Powerline Pass-thru Gigabit Ethernet Adapter PLA6456

- Innovative G.hn wave 2 technology for superior performance
- Optimized 8K for video streaming with up to 2400 Mbps speed
- Pass-through design for an extra power outlet
- Easy to setup, get connected within a minute

* The listed connection rate is the theoretical maximum. The actual data transfer rate will vary depending on the network environment.

WIFI MESH SYSTEMS

For Home & Business



Multy U - AC2100 Tri-Band Whole Home WiFi Mesh System WSR30 Series

- Fast, comprehensive WiFi coverage – Covers up to 2,000 square feet per node, install as many nodes as needed
- Tri-Band technology – Provides full-strength WiFi without degradation, regardless of how many WiFi devices are active
- Room-to-room roaming – A single WiFi network name and password eliminates the need for multiple sign-ins
- Simple, easy setup within minutes – Get hassle-free installation with guidance from the free, intuitive Multy app
- Guest network – Easily create a separate, secure WiFi network to entertain visitors and guests



Multy Plus - AC3000 Small Business Mesh WiFi System With Advanced AiShield Network Security, Captive Portal, And Remote Access WSQ60PAIR

- Easy to install and deploy WiFi mesh system with advanced Enterprise grade security for your office, café or other commercial location
- Built-in tri-band AC3000 mesh with dedicated wireless backhaul. This kit cover up to 5, 000 sq ft and can be expanded by adding more nodes
- AI Shield provides advanced network protection including ransomware/malware Blocker, IDP, Anti-phishing, and IoT security
- Flexible placement options: desktop, stand, wall, ceiling, or t-bar mount (drop ceiling)
- Provides 3 different wireless networks on one set of hardware for advanced security, guest with captive portal, Employee, and Admin

WLAN APs AND CONTROLLERS

NebulaFlex



11ac Dual-Radio Ceiling Mount PoE Access Point

NWA1123-AC v2

- Compact ceiling-mount design with optimized RF performance
- Flexible operating modes (standalone, client mode, root-AP/repeater mode)
- 9w 802.3af Power over Ethernet draw
- Plenum Rated



11ac Dual-Radio Dual Mount PoE Access Point

NWA1123-AC Pro

- Dual-optimized antenna for wall/ceiling-mount installations
- Enterprise class 802.11ac AP supports combined data rates of up to 1.75 Gbps
- Better coverage with optimized antenna and RF design
- Flexible operating modes (standalone, root-AP/repeater mode)
- Reliable software and robust hardware design
- Easy setup offers better-than-ever WLAN experience



11ac Dual-Radio Wave 2 Ceiling Mount PoE Access Point

NWA1123-AC HD

- Enterprise-class 802.11ac wave 2 access point with 3x3 5Ghz with support for 3 streams MU-MIMO for high-density deployments
- Dual radio, dual band configuration to support legacy equipment or allow the segmentation of devices by band
- 2nd Generation transmit beamforming (TxBF) technology brings better MU-MIMO performance
- Compact ceiling-mount design with optimized RF performance
- ZyXel One Network utilities make deployment simple and fast



802.11ax (WiFi 6) Dual-Radio PoE Access Point

NWA110AX - Available Q2

- Dual-radio (dual 2x2 MIMO) 802.11ax AP provides maximum data rate of 1775 Mbps
- OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
- The latest WPA3 security protocol provides safer connectivity



11ac NebulaFlex Wall-Plate Unified Access Point

NWA1302-AC

- Clever wired and wireless network solution for individual hotel guest rooms
- Innovative design can be mounted on wall plate, wall, or any other surface
- Equipped with smart antenna which is proven able to mitigate interference from neighboring APs
- Enterprise-class 2x2 802.11ac AP supporting combined data rates of up to 1.2 Gbps
- Three downlink Gigabit Ethernet ports, including one with PoE to power for VoIP phones or other devices
- Use as stand-alone or cloud managed via our free Nebula platform



NebulaFlex Pro - Standard



11ac Dual-Radio Wave 2 Unified Access Point NWA5123-AC HD

- Enterprise-class 802.11ac wave 2 access point with 3x3 5Ghz with support for 3 streams MU-MIMO for high-density deployments
- Dual radio, dual band configuration to support legacy equipment or allow the segmentation of devices by band
- 2nd Generation transmit beamforming (TxBF) technology brings better MU-MIMO performance
- Compact ceiling-mount design with optimized RF performance
- Can be managed by ZyXel line of standalone and built-in controllers*



802.11 ac Unified Pro Access Point WAC6103D-I

- 3x3 11ac High Performance WiFi Radio
- Dual-Optimized antenna design for maximum coverage whether wall or ceiling mounted
- Can be managed by ZyXel NXC controllers, USG security gateways, and UAG hospitality gateways*
- 12.48w 802.3at Power over Ethernet draw
- Plenum Rated



802.11 ac Unified Pro Access Point WAC6553D-E

- 3x3 11ac High Performance WiFi Radio
- 6 N-Type Connectors for custom antenna configurations
- Temperature and Weather hardened enclosure for installation anywhere
- Can be managed by ZyXel NXC controllers, USG security gateways, and UAG hospitality gateways*
- Includes PoE Injector



802.11ax WiFi 6 Dual-Radio Unified Access Point WAX510D - New!

- Dual-radio (dual 2x2 MIMO) 802.11ax AP provides maximum data rate of 1775 Mbps
- OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios
- NebulaFlex Pro allows users to switch among standalone, onpremises controller managed or intuitive Nebula cloud managed modes as needed
- Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
- The latest WPA3 security protocol provides safer connectivity

* Only on certain models. Requires purchase of license key on gateway to enable.

NebulaFlex Pro - Smart Antenna



11ac Smart Antenna Wave 2 Unified Access Point WAC6303D-S

- Smart Antenna increases range and performance for all clients
- Optimized for performance in environments with high levels of co-channel interference
- Enterprise-class 802.11ac wave 2 access point with 3x3 5Ghz with support for 3 streams MU-MIMO for high-density deployments
- Dual radio, dual band configuration to support legacy equipment or allow the segmentation of devices by band
- 2nd Generation transmit beamforming (TxBF) technology brings better MU-MIMO performance



802.11 ac Unified Pro Access Point WAC6502D-S, WAC6503D-S

- 2x2 or 3x3 11ac High Performance WiFi Radio
- Smart Antenna increases range and performance for all clients
- Optimized for performance in environments with high levels of co-channel interference
- 802.3at PoE Support
- Plenum Rated



11ac Outdoor Unified Smart Antenna Access Point WAC6552D-S

- 2x2 11ac High Performance WiFi Radio
- Smart Antenna provides hundreds of antenna patterns in a sectorized pattern to handle high density deployments
- Temperature and Weather hardened enclosure for installation anywhere
- Can be managed by ZyXel NXC controllers, USG security gateways, and UAG hospitality gateways*
- Includes PoE Injector



802.11ax WiFi 6 Dual-Radio Unified Pro Access Point WAX650S - New!

- BDual-radio (dual 4x4 MIMO) 802.11ax AP provides maximum data rate of 3550 Mbps, and is equipped with the 3rd dedicated monitoring radio
- OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios
- Smart antenna is the proven technology that can mitigate interference and boost WiFi 6 performance
- NebulaFlex Pro allows users to switch among standalone, onpremises controller managed or intuitive Nebula cloud managed modes as needed

Unified AP



11ac Dual-Radio Unified Access Point NWA5123-AC

- Compact ceiling-mount design with optimized RF performance
- 2x2 11ac High Performance WiFi Radio
- Can be managed by ZyXel NXC controllers, USG security gateways, and UAG hospitality gateways*
- 9w 802.3af Power over Ethernet draw
- Plenum Rated

* The listed connection rate is the theoretical maximum. The actual data transfer rate will vary depending on the network environment.

Hospitality and MxU AP



11ac NebulaFlex Wall-Plate Unified Access Point NWA1302-AC

- Clever wired and wireless network solution for individual hotel guest rooms
- Innovative design can be mounted on wall plate, wall, or any other surface
- Equipped with smart antenna which is proven able to mitigate interference from neighboring APs
- Enterprise-class 2x2 802.11ac AP supporting combined data rates of up to 1.2 Gbps
- Three downlink Gigabit Ethernet ports, including one with PoE to power for VoIP phones or other devices
- Use as stand-alone or cloud managed via our free Nebula platform



11n Wall-Plate Unified Access Point NWA5301-NJ

- 2x2 11n High Performance WiFi Radio
- Unique mounting dock design that fits the majority of outlet boxes in the world
- Punch-down Ethernet interface for significantly reduced installation effort
- Extend phone and IPTV services with integrated interfaces
- PoE Passthrough for in-room phones



11ac Wall-Plate Unified Access Point WAC5302D-S

- Clever wired and wireless network solution for individual hotel guest rooms
- The world's first wall-plate AP design that can be mounted on wall plates or directly on anywhere
- Equipped with smart antenna which is proven able to mitigate interference from neighboring APs
- Enterprise-class 2x2 802.11ac AP supporting combined data rates of up to 1.2 Gbps
- Three downlink Gigabit Ethernet ports, including one with PoE to power for VoIP phones or other devices

Pro Wireless Accessories



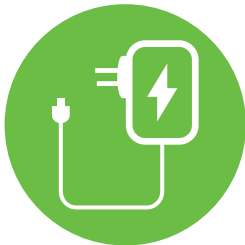
AP Outdoor Enclosure

- Easily mountable on any wall or pole
- Durable enclosure withstands temperatures from 50°C to -20°C
- Waterproof with certified IPX5 rating
- UV stabilized plastic



T-Bar Mounting Kit

- Easily mount your access point to a drop-ceiling T-Bar
- 5 Brackets Per Package
- Does not work with 11AX APs or WAC 6500 Series APs



A/C Power Adapter for most NWA/WAC APs

- Works with the new WAX650S WiFi 6 AP as an alternative to 802.3bt PoE



802.11ax WiFi 6 Dual-Radio Unified Pro Access Point

WAX650S - *New!*

- BDual-radio (dual 4x4 MIMO) 802.11ax AP provides maximum data rate of 3550 Mbps, and is equipped with the 3rd dedicated monitoring radio
- OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios
- Smart antenna is the proven technology that can mitigate interference and boost WiFi 6 performance
- NebulaFlex Pro allows users to switch among standalone, onpremises controller managed or intuitive Nebula cloud managed modes as needed



802.11ax WiFi 6 Dual-Radio Unified Access Point

WAX510D - *New!*

- Dual-radio (dual 2x2 MIMO) 802.11ax AP provides maximum data rate of 1775 Mbps
- OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios
- NebulaFlex Pro allows users to switch among standalone, onpremises controller managed or intuitive Nebula cloud managed modes as needed
- Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
- The latest WPA3 security protocol provides safer connectivity



802.11ax (WiFi 6) Dual-Radio PoE Access Point

NWA110AX - *Available Q2*

- Dual-radio (dual 2x2 MIMO) 802.11ax AP provides maximum data rate of 1775 Mbps
- OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
- The latest WPA3 security protocol provides safer connectivity



11ac Dual-Radio Nebula Cloud Managed Access Point NAP102

- Cloud-managed, dual-radio 2x2 MIMO 802.11ac access point
- Supports combined data rates of up to 1200 Mbps
- Self-configuration and zero-touch deployment
- Enterprise-class security and RF optimization
- Dynamic Channel Selection, Load Balancing and Smart Client Steering



11ac Dual-Radio, Dual-Optimized Antenna 3x3 Nebula Cloud Managed Access Point NAP203

- Cloud-managed, dual-radio 3x3 MIMO 802.11ac access point
- Supports combined data rates of up to 1.75 Gbps
- Dual-optimized antenna allows pattern optimization adapting to wall- or ceiling mount installations
- Self-configuration and zero touch deployment
- Enterprise-class security and RF optimization
- Dynamic Channel Selection, Load Balancing and Smart Client Steering
- Ultra-slim ID design at 32 mm height blends into modern interior decorations



11ac Dual-Radio Smart Antenna 3x3 Nebula Cloud Managed Access Point NAP303

- Cloud-managed, dual-radio 3x3 MIMO 802.11ac AP
- Supports combined data rates of up to 1.75 Gbps
- Smart antenna provides breakthrough performance
- Self-configuration and zero touch deployment
- Enterprise-class security and RF optimization
- Dynamic Channel Selection, Load Balancing and Smart Client Steering
- Industry-leading receive sensitivity at as low as -102 dBm
- Tool-less bracket design simplifies installation

APs



11ac Dual-Radio External Antenna 3x3 Outdoor Nebula Cloud Managed Access Point NAP353

- Cloud-managed, dual-radio 3x3 MIMO 802.11ac access point
- Supports combined data rates of up to 1.75 Gbps
- IP66-rated weather protection for harsh outdoor environments
- Self-configuration and zero touch deployment
- Enterprise-class security and RF optimization
- Dynamic Channel Selection, Load Balancing and Smart Client Steering
- Industry-leading receive sensitivity at as low as -102 dBm

Switches



8-Port GbE L2 Nebula Cloud Managed Switch NSW100-10

- Essential L2 features with user-friendly ACL and VLAN configuration
- Optimized for quality voice and video traffic
- Support Port Mirroring for network traffic monitoring
- Support DHCP Server Guard and IGMP snooping
- RADIUS, static MAC forwarding and 802.1X authentication



8-Port GbE L2 Nebula Cloud Managed Switch NSW100-10P

- Essential L2 features with user-friendly ACL and VLAN configuration
- Optimized for quality voice and video traffic with high 180 watt power budget PoE technology
- Support Port Mirroring for network traffic monitoring
- Support DHCP Server Guard and IGMP snooping
- RADIUS, static MAC forwarding and 802.1X authentication



24-port GbE L2 Nebula Cloud Managed Switch NSW100-28

- Essential L2 features with user-friendly ACL and VLAN configuration
- Optimized for quality voice and video traffic
- Support Port Mirroring for network traffic monitoring
- Support DHCP Server Guard and IGMP snooping
- RADIUS, static MAC forwarding and 802.1X authentication



24-port GbE L2 Nebula Cloud Managed Switch NSW100-28P

- Essential L2 features with user-friendly ACL and VLAN configuration
- Optimized for quality voice and video traffic with high 375 watt power budget PoE technology
- Support Port Mirroring for network traffic monitoring
- Support DHCP Server Guard and IGMP snooping
- RADIUS, static MAC forwarding and 802.1X authentication



24-port GbE Nebula Cloud Managed PoE Switch with 10GbE Uplink NSW200-28P

- Essential L2 features with user-friendly ACL and VLAN configuration
- Support 10GbE uplinks to servers for high bandwidth network
- Optimized for quality voice and video traffic with high 375-watt power budget PoE technology
- Support Port Mirroring for network traffic monitoring
- Support DHCP Server Guard and IGMP snooping
- RADIUS, static MAC forwarding and 802.1X authentication



Nebula Cloud Managed Security Gateway NSG50

- Complete networking, security and application control over the cloud
- Zero-touch site-to-site VPN
- Secure networks with Next-Gen Firewall and Best in Class UTM Security Services*
- Built-in DHCP, NAT, QoS and VLAN management
- Static route and dynamic DNS support
- Identity-based security policies and application management
- Cloud management and cloud statistics



Nebula Cloud Managed Security Gateway NSG100, NSG200

- Complete networking, security and application control over the cloud
- Zero-touch site-to-site VPN
- Secure networks with Next-Gen Firewall and Best in Class UTM Security Services*
- Built-in DHCP, NAT, QoS and VLAN management
- Static route and dynamic DNS support
- Identity-based security policies and application management
- Cloud management and cloud statistics

* Every NSG is pre-bundled with one year Security Service license.

	NAP102	NAP203	NAP303	NAP353	NWA1123 ACv2	NWA1123 AC PRO	NWA1123 AC HD	NWA1302 AC	NWA5123 AC HD	WAC6103D-I	WAC6303D-S	WAC6502D-S	WAC6503D-S	WAC6552D-S	WAC6553D-E	
	Nebula				NebulaFlex				NebulaFlex Pro							
Standalone					●	●	●	●	●	●	●	●	●	●	●	●
Controller									●	●	●	●	●	●	●	●
NCC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Smart Mesh	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NCC Pro Pack	3 YR	3 YR	3 YR	3 YR	Optional Add-on	Optional Add-on	Optional Add-on	Optional Add-on	1 YR	1 YR	1 YR	1 YR	1 YR	1 YR	1 YR	1 YR
WiFi Health Report							●	●	●		●					

GATEWAYS

Hospitality Gateways



Hotspot Management

USG110, USG210, USG310, USG1100, USG1900, USG2200

- Add Hotspot Management to existing security gateway product lines
- Supports from 100 up to 5000 concurrent devices for hotspot authentication
- Integrated tiered billing profiles to control bandwidth, service plans and access
- Walled Garden and Advertisement portal redirect with option for Terms of Service authentication
- Third-Party Social media login support for easy access to the hotspot
- Hotspot feature activated through yearly or one time unlimited license on supported Next-Gen USG models

INTERNET SECURITY

Advanced Threat Protection Firewall Series



ATP Firewall

ATP100, ATP100W, ATP200, ATP500, ATP700, ATP800

- High Performance Advanced Threat Protection UTM Firewall with models to fit your high bandwidth UTM needs
- Includes Hardware and 1 Year Full UTM Security Bundle to stay protected all year long
- Protect both wired and wireless networks by blocking websites like Facebook with Web Security, and blocking Malware, Ransomware and P2P downloading with Application Security and Malware Blocker with Sandboxing
- Ideal for offices around 10-200 people and internet WAN connections 100Mbps-800Mbps with full UTM enabled
- Robust and Secure VPN options: SSL, L2TP and IPSec VPN support for site to site, client to site or mobile to site *Client side software sold separately wireless access point
- Integrated WLAN controller makes it easier to add wireless coverage for private and guest networks using Zyxel managed Access Points

	ATP100/100W	ATP200	ATP500	ATP800
Ports	4 x LAN/DMZ 1 x WAN, 1 x SFP	4 x LAN/DMZ 2 x WAN, 1 x SFP	7 (Configurable) 1 x SFP	12 (Configurable) 2 x SFP (Configurable)
SPI Firewall Throughput (Mbps)	1,000	2,000	2,600	8,000
VPN Throughput (Mbps)	300	500	900	1,500
UTM Throughput (AV and IDP)	250	450	700	1,200
Max Sessions	300,000	600,000	1,000,000	2,000,000
Max VPN Tunnels	40	40	200	1,000
Rack Mountable		●	●	●

Unified Security Gateway Series (USG)



Performance Series

USG40, USG40W, USG60, USG60W

- All-in-one desktop Next Generation UTM Firewall for small businesses < 50 Users with Multiple WAN support
- Multi-threat protection with Anti-Virus, Content Filtering, IDP/Application Intelligence, and Anti-Spam
- Flexible VPN options with IPSec, SSL, and L2TP over IPSec to connect sites and mobile devices
- Built-in Wireless controller for Centralized AP management
- Integrated single radio (USG40W) or dual radio (USG60W) wireless access point



Advanced Series

USG110, USG210, USG310

- High performance rack mountable Next Generation UTM Firewall for small and medium sized businesses 50 to 200 Users with Multiple WAN support
- Multi-threat protection with Anti-Virus, Content Filtering, IDP/Application Intelligence, and Anti-Spam with deep packet SSL inspection
- Flexible VPN options with IPSec, SSL, and L2TP over IPSec to connect sites and mobile devices
- Built-in Wireless controller for Centralized AP management



Extreme Series

USG1100, USG1900

- High performance rack mountable Next Generation UTM Firewall for central office and medium sized businesses 200 to 500 Users with Multiple WAN support
- Multi-threat protection with Anti-Virus, Content Filtering, IDP/Application Intelligence, and Anti-Spam with deep packet SSL inspection
- Flexible VPN options with IPSec, SSL, and L2TP over IPSec to connect sites and mobile devices
- Built-in Wireless controller for Centralized AP management
- Device High Availability and VPN high availability ensures always on connectivity for mission critical applications

	USG40/40W	USG60/60W	USG110	USG210	USG310	USG1100	USG1900
Ports	3 x LAN/DMZ 1 x WAN, 1 x OPT	4 x LAN/DMZ 2 x WAN	4 x LAN/DMZ 2 x WAN, 1 x OPT	4 x LAN/DMZ 2 x WAN, 1 x OPT	8x GbE (configurable)	8x GbE (configurable)	8x GbE (configurable)
SPI Firewall Throughput (Mbps)	400	1,000	1,600	1,900	5,000	6,000	7,000
VPN Throughput (Mbps)	100	180	400	500	650	800	900
UTM Throughput (AV and IDP)	50	90	450	500	550	650	710
Max Sessions	50,000	100,000	150,000	200,000	500,000	1,000,000	1,000,000
Max VPN Tunnels	20	40	100	200	300	1,000	2,000
Rack Mountable		●	●	●	●	●	●

VPN/Firewall Gateway Series



VPN Firewall

VPN50, VPN100, VPN300, VPN1000

- High performance rack mountable Next Generation Firewall for central office and medium sized businesses 100 to 500 Users with Multiple WAN support
- Highly secure VPN using AES and SHA-2 Encryption to protect sensitive remote data connections
- Flexible VPN options with IPSec, SSL, and L2TP over IPSec to connect sites and mobile devices
- Built-in Wireless controller for Centralized AP management
- Device High Availability and VPN high availability ensures always on connectivity for mission critical applications

SD-WAN Support

- Convert your VPN Firewall to an SD-WAN solution with just an upgrade license
- WAN Optimization and Dynamic Path Selection bring reliable WAN quality
- Advanced Provisioning for managing your network remotely. Reduce IT overhead and have better flexibility
- Secure the WAN with VPN encryption and high throughput VPN along with security Application Patrol, Geo Enforcer and Content Filtering services



Entry Series

USG20-VPN, USG20W-VPN

- Small Business and Branch office security appliance for < 20 users
- Flexible VPN options with IPSec, SSL, and L2TP over IPSec to connect sites and mobile devices
- SFP Gigabit Fiber port for Fiber to the Office applications.
- Wireless 11ac/n 2.4Ghz or 5Ghz (USG20W-VPN)

Small Office Gateway

VPN2S



- Perfect for small offices: High performance Gigabit VPN firewall delivers fast speeds of 850 Mbps (FW), 35 Mbps (VPN) for up to 50k sessions
- Highly secure and robust VPN (IPSec, L2TP) ensure excellent office-to-office, client-to-office and mobile-to-office connectivity with 20 VPN Tunnels
- Load balancing and failover capabilities to keep businesses always connected nonstop
- Easy to setup GUI and wizards helps you get up and going quickly
- 2 Year hardware warranty, free firmware upgrades and free 90 days technical support, plus 1 Year free content filtering
- Robust management options for service providers including web, TR-069, SNMP and SSH

* All UTM Features (Content Filtering, Anti-Virus, Intrusion Detection/Peer to Peer Blocking, and Anti-Spam) require yearly subscription service licenses

* Licenses can be purchased through an authorized reseller or through ZyXel's license portal:

http://www.zyxel.com/us/en/products_services/ZyWALL_USG_UTM_Security_Services.shtml?t=p

USG20/20W-VPN**VPN2S****VPN50****VPN100****VPN300****VPN1000****Ports**4 x LAN/DMZ
1 x WAN, 1 x SFP3 x LAN/DMZ
1 x WAN, 1 x OPT4 x LAN/DMZ
1 x WAN, 1 x SFP4 x LAN/DMZ
1 x WAN, 1 x SFP7 x GbE
(Configurable)
1 x SFP12 x GbE
(Configurable)
2 x SFP**SPI Firewall Throughput
(Mbps)**

350

1,500

800

2,000

2,600

8,000

**VPN Throughput
(Mbps)**

90

35

150

500

1,000

1,500

Max Sessions

20,000

50,000

400,000

800,000

2,000,000

3,000,000

Max VPN Tunnels

10

20

50

100

300

1,000

Rack Mountable

Security Software and Accessories



ZyWALL IPsec VPN Client

ZyWALLVPN, ZyWALLVPN5, ZyWALLVPN10, ZyWALLVPN50

- Interoperability with ZyWALL and most IPsec VPN gateways
- IPsec VPN tunneling with DES/3DES/AES encryption
- User authentication with X-Auth, PEM or PKCS#12 certificates, pre-shared keys
- DPD and redundant gateway



SSL VPN Client for Mac OS X

- SSL VPN Client for Mac OS 10.7 or later
- Lite VPN software client for secure remote VPN connection

Cloud Central Network Management



Central Network Management Software Suite

SecuReporter and SecuManager

- Low TCO for large deployments and device management
- Streamlines configurations for mass device changes, executed immediately or scheduled
- Easy VPN provisioning and management, integrated across multiple sites
- Report provides network status visibility, logs and alerts all in one central management view.



**Purchase Security
and UTM Licenses @
zyxel.us/icards**

SWITCHES

Unmanaged Switches



5-Port Desktop Gigabit Ethernet Media Switch GS105S v2

- Plug-and-play, stylish design that fits home environments
- Enjoy smooth multimedia streaming and gaming through QoS ports with 3-level prioritization
- Stream multimedia with blazing-fast Gigabit speed
- Green switch design saves energy



8-Port Desktop Gigabit Ethernet Switch GS108B v3

- Compact, sturdy desktop switch with alternative wall mount installation
- Connect up to 8 network devices at Gigabit wire speed
- Loop detection prevents network from crashing
- Automatically adjusts power consumption by detecting link status and cable length

Switch 1000 Series



5/8-Port Unmanaged Gigabit Switch with PoE+ Support GS1005HP, GS1008HP

- 5-Port PoE/PoE+ gigabit switch with a 60w power budget
- Features 4 ports that support industry standard 802.3af and 802.3at PoE and PoE+ Up to 30 watts per port (60 watt total budget)
- Perfect for small offices, compatible with IP Cameras, IP Phones, Wireless Access Points and other PoE devices
- Fanless design for silent operation without the noise of some other PoE solutions
- Rugged metal design can handle the toughest environments, can be mounted on a wall or desktop

SMB Multi-Gig



12-Port Unmanaged Multi-Gigabit Switch with 2-Port 2.5G and 2-Port 10G SFP+

XGS1010-12 - *New!*

- 10G SFP+ Uplink
- Multi-Gigabit speed support
- QoS for better traffic control
- Fanless, noiseless design



12-Port Web-Managed Multi-Gigabit Switch with 2-Port 2.5G and 2-Port 10G SFP+

XGS1210-12 - *Available Q2*

- B10G SFP+ Uplink
- Multi-Gigabit speed support
- Intuitive web GUI for management
- VLAN for enhanced network security

Switch 1200 Series



Web-Managed Gigabit-Switch PoE (5x 10/100/1000, 8x 10/100/1000, including 4x PoE)

GS1200-5, GS1200-5HP, GS1200-8, GS1200-8HP

- Four Gigabit high-power PoE+ ports
- 60 watt total PoE budget
- Intuitive Web management
- Quality of Service for better traffic control
- Multicast IGMP snooping

Switch 1900 Series



GbE Smart Managed Switches

GS1900-8, GS1900-8HP, GS1900-10HP, GS1900-16, GS1900-24, GS1900-24E, GS1900-24HP, GS1900-48, GS1900-48HP

- Quick and easy set-up wizard
- Simple browser-based switch management
- Advanced network error prevention features such as loop protection, dual images, storm control, DoS, and SSL
- Energy efficient Ethernet IEEE 802.3az support and intelligent Zyxel green features
- Fanless design (GS1900-8/8HP/16/24/24E)
- High-power IEEE 802.3at PoE support (GS1900-8HP/24HP/48HP)

Switch 1920 Series (NebulaFlex)



GS1920 Series

GS1920-8HPv2, GS1920-24v2, GS1920-24HPv2, GS1920-48v2, GS1920-48HPv2

- Advanced smart web managed 24 and 48 port GbE L2 Switches
- Multiple PoE+ (802.3at) switch models to power high-power APs and IP Cameras
- Nebula Flex support, allowing management as standalone switch or converted to a Nebula Cloud switch
- IPv6 support for management
- VLAN, QoS and ACL support for segregation, bandwidth control and access control

Switch 1930 Series (NebulaFlex)



XGS1930 Series

XGS1930-28, XGS1930-28HP, XGS1930-52, XGS1930-52HP

- 24/48-Port GbE L2 Web Managed Switch with 10G SFP+ Uplinks
- Fast networking performance with 24-48 GigabitEthernet ports and non-blocking full bandwidth of 2,000 Mbps per port and 4 SFP+ 10G Fiber Ports
- High Powered Standard 802.3af/at PoE+ with high power budget of up to 375W
- Flexible Hybrid cloud switch powered by NebulaFlex(TM) let's you choose a standalone or free cloud management option, upgradable to the full professional Nebula Cloud
- The most affordable choice for 10G migration ideal to increase capacity of your local network core without a hit to budget.
- Standard 19" rackmount and smart fan design ensures quiet operation and higher reliability with high quality, long lasting components

Web Managed Multi-Gig 1G/2.5G/5G/10G Ethernet with 10G SFP+



8-port Multi-Gigabit Smart Managed Switch with 2 SFP+ Uplink XS1930-10, XS1930-12HP

- Support Multi-Gigabit for 100M/1G/2.5G/5G/10G connections and unique 5-color LED port speed indication
- PoE model (XS1930-12HP) supports 802.3bt PoE++ offering a maximum of 60 W per port and with a maximum power budget of 375 W
- NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management

10G Fully Managed



28-port 10GbE L2+ Managed Switch XS3800-28

- Support Multi-Gigabit for 100M/1G/2.5G/5G/10G connections
- Full Layer-2 feature set with Layer-3 features including static routing, policy-based routing, VRRP and ECMP support
- High resiliency with redundant power supply units

Switch 2210 Series

8/24/48-Port GbE L2 Switch

GS2210-8, GS2210-8HP, GS2210-24, GS2210-24HP, GS2210-24LP, GS2210-48, GS2210-48HP



- Fully managed Layer 2 switching solution
- GbE RJ-45 and GbE SFP connectivity
- Complies with IEEE 802.3af PoE and 802.3at PoE+
- High 375W power budget (GS2210-24HP/GS2210-48HP)
- High 180W power budget (GS2210-8HP, GS2210-24LP)
- L2 multicast, IGMP snooping, MVR and voice VLAN for convergence
- Enhanced network protection with IP source guard, DHCP snooping, ARP inspection, and CPU protection
- L2, L3 and L4 filtering, MAC freeze, port isolation, guest VLAN for improved isolation and access control
- Future-proofed with IPv6 support
- Supports ZON Utility and Zyxel One Network inter-device features for easier, more efficient setup and management

24/48-Port GbE L2 Switch with 10G SFP+ Uplinks

XGS2210-28, XGS2210-28HP, XGS2210-52, XGS2210-52HP



- Fully managed Layer 2 switching solution
- 10G SFP+ Fiber ports
- GbE RJ-45 and GbE SFP connectivity
- Complies with IEEE 802.3af PoE and 802.3at PoE+
- High 375W power budget (XGS2210-28HP/XGS2210-52HP)
- L2 multicast, IGMP snooping, MVR and voice VLAN for convergence
- Enhanced network protection with IP source guard, DHCP snooping, ARP inspection, and CPU protection
- L2, L3 and L4 filtering, MAC freeze, port isolation, guest VLAN for improved isolation and access control
- Future-proofed with IPv6 support
- Supports ZON Utility and Zyxel One Network inter-device features for easier, more efficient setup and management

Carrier Switches

24/48-Port GbE L3 Switch with 10 GbE Uplink

XGS4600-32, XGS4600-32F, XGS4600-52F



- IPv4/IPv6 routing
- L3 advanced routing protocols, OSPF, DVMRP, VRRP and ECMP
- 10G SFP+ Uplink support
- Multilayer-aware (L2/L3/L4) ACL for security protection and traffic QoS
- Guest VLAN
- GMP Snooping v1, v2, v3, MVR
- Removable fan and power modules (XGS4700-48F)

GS1200-5HP GS1200-8HP GS1900-8HP GS1900-10HP GS1900-24HP GS1900-48HP GS1920-8HPv2 GS1920-24HPv2 GS1920-48HPv2

Gigabit Ports	5	8	8	8	24	48	8	24	48
PoE+ Ports	5	8	8	8	24	24	8	24	48
Power Budget (Watts)	60	60	70	77	170	170	130	375	375
SFP Fiber Ports				2	2	2	2	4	4
Total Ports	5	8	8	10	26	50	10	28	50
Switch Capacity (Gbps)	10	16	16	20	52	100	20	56	100
VLAN	●	●	●	●	●	●	●	●	●
QoS Bandwidth	●	●	●	●	●	●	●	●	●
Smart PoE			●	●	●	●	●	●	●
Advanced Security							●	●	●
Nebula Cloud Ready							●	●	●

About Zyxel Networks

Zyxel, a pioneer in IP technology for over 30 years, provides a complete portfolio of multi-service LTE, fiber and DSL broadband gateways, home connectivity solutions, smart home devices and enterprise-class Ethernet switches, security and WiFi equipment for small to mid-size business. Zyxel offers integrated, interoperable network solutions based on open standards. Headquartered in Anaheim, California, Zyxel offers its partners service-rich solutions backed by a domestic team of logistic, sales, and technical support professionals.

Local Service & Support

Zyxel's North American headquarters are in Southern California where customers are supported by a team of experienced engineers and executives that include sales, logistics and technical support teams.

US-Based Management & Sales Team

US-Based Tech Support

US-Based Product Management

US-Based Logistics Team

In-House R&D

In-House Manufacturing

Dedicated Engineering Support to

Integration & Testing Labs



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