ZYXEL NETWORKS

Product Portfolio

- Switch
- WLAN AP and Controller
- Mobile Broadband
- In-Building Cellular Coverage
- Security Firewall and Gateway
- Licensed Service
- WiFi System
- WiFi Extender
- DSL CPE
- Service & Application

2024

ZYXEL NETWORKS

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Switch

L3 Aggregation Switch
XGS4600-32/32F/52F — 28/48-port GbE L3 Aggregation Switch with 4 SFP+ Uplink
- Four built-in SFP+ uplinks enable congestion-free, smooth data delivery for high-bandwidth applications
- Physical stacking of up to 4 units
- Features dynamic routing to simplify cross subnet communications for venues that operates complex networks
- Redundant power supply module

XS3800-28 — 28-port 10GbE L3 Aggregation Switch
- Support Multi-Gigabit connections (100M/1G/2.5G/5G/10G)
- Unique port combination brings maximum flexibility to network diversity
- Physical stacking of up to 4 units
- Supports NebulaFlex Pro to switch between standalone management and intuitive Nebula cloud management mode with 1-YEAR Pro Pack bundled
- Redundant power supply module

L3 Access Switch
XGS2220-30/30F/30HP **XGS2220-54/54HP/54FP** — 24/48-port GbE L3 Access Switch with 6 10G Uplink (2 Copper/4 SFP+)
- Handles the latest high-bandwidth applications easily with up to six 10G connectivity
- Support Multi-Gigabit connections (100M/1G/2.5G/5G/10G)
- Support both PoE++ and PoE+ providing 60 W and 30 W for each port respectively with high power budget of up to 960 W
- Supports NebulaFlex Pro to switch between standalone management and intuitive Nebula cloud managed mode with 1-YEAR Pro Pack bundled

L2+ Switch
GS2220-10/10HP **GS2220-28/28HP** **GS2220-50/50HP** — 10/28/50-port GbE L2+ Switch
- L2 multicast, IGMP snooping, MVR and voice VLAN for convergence
- Supports NebulaFlex Pro to switch between standalone management and intuitive Nebula cloud managed mode with 1-YEAR Pro Pack bundled
- High power budget of 375 W (24HP/50HP) and 180 W (10HP)
- Smart fan and fanless designs offer near silent operations

Smart Managed Switch
XS1930-12/12HP/12F — 10/12-port 10G Multi-Gigabit Lite-L3 Smart Managed Switch
- Support Multi-Gigabit connections (100M/1G/2.5G/5G/10G)
- Unique and intuitive 5-color LED port speed indication
- Supports NebulaFlex to switch between standalone management and intuitive Nebula cloud managed mode
- XS1930-12HP supports 802.3bt PoE++ 60 W and with high power budget of 375 W
- Smart fan design offers near silent operations

XMG1930-30/30HP — 24-port 2.5G Multi-Gig Lite-L3 Smart Managed Switch with 6 10G Uplink (4 Copper/2 SFP+)
- Up to Six 10G uplinks including both copper and fiber options
- Multi-Gigabit supports with 2.5G and 10G combinations
- Supports NebulaFlex to switch between standalone management and intuitive Nebula cloud managed mode
- PoE model supports both 802.3bt PoE++ (60 W) and 802.3at PoE+ with a high-power budget of up to 700 W

XGS1930-28/28HP **XGS1930-52/52HP** — 24/48-port GbE Smart Managed Switch with 4 10G Uplink
- Four built-in 10G SFP+ uplinks
- User-friendly web based management interface and setup wizard
- Supports NebulaFlex to switch between standalone management and intuitive Nebula cloud managed mode
- High power budget of 375 W
- Smart fan design offers near silent operations

GS1920-8HPv2 **GS1920-24v2/24HPv2** **GS1920-48v2/48HPv2** — 8/24/48-port GbE Smart Managed Switch
- Unique port combinations ensure agile network expansion
- User-friendly web-based management interface
- Supports NebulaFlex to switch between standalone management and intuitive Nebula cloud managed mode
- High power budget of 130 W (8HPv2) and 375 W (24HPv2/48HPv2)
- Smart fan and fanless design offer near silent operations

XMG1915-10E/10EP/18EP — 8/16-port 2.5GbE Smart Managed Switch with 2 SFP+ Uplink
- All ports support 2.5G Multi-Gigabit
- Additional two 10G fiber uplinks providing extensibility for networks
- PoE models support 8-port PoE+ (60 W with high power budget of 130 W (10EP) and 180 W (18EP) to easily connect WiFi 6/6E APs or IoT devices
- Supports NebulaFlex to switch between standalone management and intuitive Nebula cloud managed mode
- Rich L2 feature set with L3 static route

GS1915-8/8EP **GS1915-24E/24EP** — 8/24-port GbE Smart Managed Switch
- User-friendly web-based management interface and setup wizard
- Supports NebulaFlex to switch between standalone management and intuitive Nebula cloud managed mode
- PoE model supports IEEE 802.3at PoE+
- Compact and near-silent design is ideal for any working environment

GS1900-8/16/24 **GS1900-24E/48** **GS1900-8HP/10HP** **GS1900-24EP/24HPv2/48HPv2** — 8/16/24/48-port GbE Smart Managed PoE Switch
- Smart fan and fanless design offer near silent operations in both desktop and rack-mount environment
- Easy browser-based system management, with quick and easy set up wizard
- Manage advanced features easily through user-friendly web interface
- Intelligent IEEE 802.3at PoE+ allows to power more devices

Web Managed Switch
XGS1250-12 — 12-Port Web Managed Multi-Gigabit Switch includes 3-Port 10G/One SFP+
- Three Multi-Gigabit ports supporting speed up to 10G and one 10G SFP+ port
- Check port speed easily with unique 5-color LED
- Smart fan design delivers whisper quiet operation
- Supports smart features such as QoS, VLAN, LAG and IGMP snooping
- User-friendly web-based set-up interface

XGS1210-12 — 8-Port Gigabit Web Managed Switch with 2-port 2.5G/ 2-port SFP+
- Multi-Gigabit speed support and 10G SFP+ Uplink
- Intuitive web GUI for management
- Smart features for management – basic VLAN, QoS, IGMP, LAG
- Fanless, noiseless design
- Compact, rugged metal housing with wall mount possibility

GS1250-12 — 8-Port Gigabit Web Managed Switch with 2-port 2.5G/ 2-port SFP+
- Multi-Gigabit speed support and 10G SFP+ Uplink
- Intuitive web GUI for management
- Smart features for management – basic VLAN, QoS, IGMP, LAG
- Fanless, noiseless design
- Compact, rugged metal housing with wall mount possibility

GS1200-SHP v2 **GS1200-8HP v2** — 5-Port/8-Port Web Managed Switch
- 60 Watts of total output on 4 Gigabit PoE ports
- Supports Link aggregation, Quality of Service and Multicast IGMP snooping (v1/v2 and v3 compatible)
- Virtual LAN for enhanced network security
- Easy web management
- Advanced energy-savings at work

GS1200-5 **GS1200-8** — 5/8-Port Web Managed Switch
- Five/Eight Gigabit ports
- Intuitive web management
- Support QoS, IGMP snooping v1/v2 and v3 compatible

Unmanaged Switch
GS1100-10HP/16/24/24E — 10/16/24-port GbE Unmanaged Switch
- Plug and play Gigabit wire-speed connectivity
- Efficient Energy saving with green Ethernet features
- Fanless design for whisper quiet operation
- Easily to check status with intuitive port LED

SOHO Desktop Switch
GS1010-12 — 8-Port Gigabit Unmanaged Switch with 2-port 2.5G/ 2-port SFP+
- Multi-Gigabit speed support and 10G SFP+ Uplink
- Plug and play
- Fanless, noiseless design
- Compact, rugged metal housing with wall mount possibility
- Advanced energy-savings at work

GS1005HP/8HP — 5/8-Port GbE Unmanaged Switch with 10G Uplink
- 60 Watts of total output on 4/8 Gigabit PoE ports
- LED indicators for PoE budget management
- Gigabit connection for maximum performance
- Advanced energy-saving
- Fanless for noiseless operation

Home Desktop Switch
XMG-105HP/108/108HP — 5/8-Port 2.5GbE Unmanaged Switch with 10G Uplink
- Support 2.5GbE on all ports
- Extra 10G fiber connectivity
- PoE models support 802.3bt PoE++ (60 W) to power and connect devices with a single wire
- Increase home networking speed without extra cabling cost
- Access Internet just plug-and-play
- Silent and stable operation

MG-105/108 — 5/8-Port 2.5GbE Unmanaged Switch
- Support 2.5GbE on all ports
- Instantly upgrade speed up to 2.5 times
- Increase home networking speed without extra cabling cost
- Access Internet just plug-and-play
- Silent and stable operation

GS-105S v3/108B v3 — 5/8-Port Desktop Gigabit Ethernet Switch
- Compact, sturdy desktop with alternative wall mount installation
- Connect up to five to eight network devices at Gigabit wire speed
- QoS ports for high and medium prioritized applications
- Green power saving by automatically detecting link status and cable length

GS-105S v2/108S v2 — 5/8-Port Desktop Gigabit Ethernet Switch
- Compact and sturdy desktop with wall-mount installation
- Connect up to five or eight network devices at Gigabit speed
- QoS ports for high and medium prioritized applications
- Green power saving by automatically detecting link status and cable length

Rugged Switch
RGS200-12P — 12-port GbE Managed PoE Switch
- Wide-ranging operating temperature design from -40°C to 75°C
- Fanless design and compact mechanism with IP30 protection
- Redundant ring technology with quick failover in less than 20 ms (RGS200-12P)
- Dual power inputs for high network resilience
- Full PoE+ support

RGS100-5P — 5-port GbE Managed PoE Switch

Surveillance Switch
GS1350-6HP/12HP **GS1350-18HP/26HP** — 6/12/18/26-port GbE Smart Managed Switch for Surveillance
- Large power budget
- Up to 250 meters transmission
- Intuitive PoE usage LED
- Support both copper and fiber uplink ports
- Auto camera recovery
- Enhanced surge and ESD protection
- Supports NebulaFlex Pro to switch between standalone management and intuitive Nebula cloud managed mode with 1-YEAR Pro Pack bundled

Switch Accessories
SFP10G-T/SFP100-SR/ SR-E/LR/LR-E — 10 Gigabit SFP+ Transceiver
SFP-1000T/SX-D/ SX-E/LX-10-D/ LX-10-E/LHX1310-40-D /ZX-80-D/BX1310-10-D/ BX1310-E/BX1490-10-D/ BX1550-E — Gigabit SFP Transceiver
- Hot-Pluggable with maximum flexibility
- Low power dissipation, high network stability
- Industry standard compliance
- 802.3z SFP Multi-Source Agreement (MSA) compliance
- Compact size, high port density

DAC10G-1M/3M — Direct Attached Cable
- Connector: SFP+ to SFP+
- High data transmit speed of 10G
- Maximum transmission distance: 1 m/3 m
- Temperature range 0°C to 70°C (32°F to 158°F)

XGN100F — 10G Network Adapter PCIe Card with Single SFP+ Port
- Hyper-Fast 10 Gbps networking
- Faster and longer distance with SFP+ (XGN100F)
- Multi-Gigabit speed support (XGN100C)
- QoS for better traffic control
- Compatible with Windows/Linux
- Easy 10G network upgrade

XGN100C — 10G Network Adapter PCIe Card with Single RJ-45 Port

PoE12-30W — 2.5G PoE+ Injector
PoE12-60W — 5G PoE++ Injector
- PoE12-30W: 2.5G data/PoE+ ports; PoE12-60W: 5G data/PoE++ ports
- PoE12-30W: 30 W power budget, PoE12-60W: 60 W power budget
- PoE12-30W: Complies with IEEE 802.3at PoE+ standard; PoE12-60W: Complies with IEEE 802.3bt PoE++ 60 W standard
- Easy plug-and-play desktop or wall-mounted installation

SUROEPRO-GE — Ethernet Surge Protector
- Robust level of Line-Line, Line-Ground protections
- PoE Ethernet surge protector compatible with Power over Ethernet IEEE 802.3af/at/bt
- Supports network speed 100M/100M/1G
- Easy installation

WLAN AP and Controller

Wireless LAN Controller
NXC5500 — Wireless LAN Controller
NXC2500 — Wireless LAN Controller
- Auto provisioning and centralized management of up to 1024/64 APs
- ZyMESH technology for simplified AP deployment and WLAN extension
- Enhanced RF management with auto healing
- Flexible traffic forwarding with tunnel and distributed modes
- Comprehensive guest network management and granular access control
- Dynamic Wireless Optimizer for easy planning, deployment and maintenance
- Support of multiple authentication methods (AD, LDAP or RADIUS)

Wireless LAN Access Points - Ultimate
WBE660S — 802.11be (WiFi 7) Triple-Radio Unified Pro Access Point
- BE22000 (4x4 in 2.4 GHz, 4x4 in 5 GHz, 4x4 in 6 GHz) tri-radio access point points lightning-fast speeds up to 22 Gbps and lower latency for real-time responsiveness
- The 160E uplink port unlocks WiFi 7 speeds and enables true 10GbE super broadband
- Smart antenna is the proven technology that can mitigate interference and boost WiFi 7 performance
- Can be powered by PoE bt (PoE++) or USB Type C charger (45 W) to offer flexible powering options
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)

WAX640S-6E — 802.11ax (WiFi 6E) Triple-Radio Unified Pro Access Point
- Tri-band coverage (2x2 + 2x2 + 4x4) 802.11axe AP to deliver maximum data rate of 7.8 Gbps
- Zyxel 6E Boost, using the high-gain 4 streams in 6 GHz, helps extend range and maximize performance of the new band
- The smart antenna technology mitigates interference and boosts performance
- The advanced RF filter prevents interference between the 5 GHz and 6 GHz bands while guaranteeing performance in all channels
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)

WAX620D-6E — 802.11ax (WiFi 6E) Dual-Radio Unified Pro Access Point
- 802.11axe AP (4x4 in 6 GHz/5% selectable, 2x2 in 2.4 GHz) to deliver maximum data rate of 5.4 Gbps
- The BandFlex radio design can support both 5 GHz or 6 GHz by configuration, to fit into your 5 GHz coverage as well as futureproofing the use of 6 GHz
- Zyxel 6E Boost, using the high-gain 4 streams in 6 GHz, helps extend range and maximize performance of the new band
- Dual-optimized antenna provides the optimum radio patterns for both wall and ceiling mounting to fit into your installation
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)

WAX655E — 802.11ax dual radio outdoor AP delivers blazing-fast speeds up to 5400 Mbps
- Designed for harsh outdoor environments with up to IP67 industrial-grade weather proofing
- Obtain multi-gigabit performance with a 2.5GbE PoE port to support the demand for better outdoor WiFi
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)

WAX650S — 802.11ax (WiFi 6) Dual-Radio Unified Pro Access Point
- Dual-radio (dual 4x4 MIMO) 802.11ax AP provides maximum data rate of 3600 Mbps, and is equipped with the 3rd dedicated monitoring radio and BLE
- 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
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)
- Advanced Cellular Coexistence minimizes interference from 4G/5G cellular networks

WAX630S — 802.11ax (WiFi 6) Dual-Radio Unified Pro Access Point
- Dual-radio (dual 4x4 + 2x2 MIMO) 802.11ax AP provides maximum data rate of 3000 Mbps
- Smart antenna is the proven technology that can mitigate interference and boost WiFi 6 performance
- Coupled with the capacity of Zyxel XS1930 Series switches, the 2.5GbE uplink delivers uncompromising multi-gigabit speed without the need of re-cabling
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)
- Advanced Cellular Coexistence minimizes interference from 4G/5G cellular networks

WAX610D — 802.11ax (WiFi 6) Dual-Radio Unified Pro Access Point
- Dual-radio (dual 4x4 + 2x2 MIMO) 802.11ax AP provides maximum data rate of 3000 Mbps
- Coupled the capacity with Zyxel XS1930 Series switches, the 2.5GbE uplink delivers uncompromising multi-gigabit speed without the need of re-cabling
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)
- Advanced Cellular Coexistence minimizes interference from 4G/5G cellular networks

WAC500 — 802.11ac Wave 2 Dual-Radio Unified Access Point
- Enterprise class 2x2 802.11ac Wave 2 AP supports combined data rates of up to 1200 Mbps
- Optimized RF performance for ceiling mounting deployment
- The latest WPA3 security protocol provides safer connectivity
- Support NebulaFlex Pro to provide triple mode functionality (standalone, hardware controller and Nebula)
- Advanced Cellular Coexistence minimizes interference from 4G/5G cellular networks

WAC500H — 802.11ac Wave 2 Wall-Plate Unified Access Point
- Enterprise-class 2x2 802.11ac Wave 2 AP supports combined data rates of up to 1.2 Gbps
- The versatile wall-plate AP design that can be mounted on wall plates or directly in anywhere
- Two downlink Gigabit Ethernet ports, including one with PoE to power for VoIP phones or other devices
- Advanced Cellular Coexistence minimizes interference from 4G/5G cellular networks

WAC5302D-Sv2 — 802.11ac Dual-Radio Unified Access Point
- Enterprise-class 2x2 802.11ac Wave 2 AP supporting combined data rates of up to 1.2 Gbps
- The world's first wall-plate AP design that can be mounted on wall plates or directly in anywhere
- Equipped with smart antenna which is proven able to mitigate interference from neighboring APs
- Three downlink Gigabit Ethernet ports, including one with PoE to power for VoIP phones or other devices

Wireless LAN Access Points - Flexibility
NWA220AX-6E — 802.11ax (WiFi 6E) Dual-Radio PoE Access Point
- Dual-radio (4x4 in 6 GHz, 5% selectable, 2x2 in 2.4 GHz) AP to deliver maximum data rate of 5.8 Gbps
- The BandFlex radio design, using the high-gain 4 streams in 6 GHz, helps to fit into your 5 GHz coverage as well as futureproofing the use of 6 GHz
- Zyxel 6E Boost, using the high-gain 4 streams in 6 GHz, helps extend range and maximize performance of the new band
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- Advanced Cellular Coexistence minimizes interference from 4G/5G cellular networks

NWA210AX — 802.11ax (WiFi 6) Dual-Radio PoE Access Point
- Dual-radio (dual 4x4 + 2x2) 802.11ax AP provides maximum data rate of 3000 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 interference from 4G/5G cellular networks

NWA130BE — 802.11be (WiFi 7) Triple-Radio Access Point
- BE11000 (2x2 in 2.4 GHz, 2x2 in 5 GHz, 2x2 in 6 GHz) tri-radio access point provides lightning-fast speeds up to 11 Gbps and lower latency for real-time responsiveness
- Obtain multi-gigabit performance with 2 x 2.5GbE ports
- Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
- The advanced RF filter prevents interference between the 5 GHz and 6 GHz bands while guaranteeing performance in all channels
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- The latest WPA3 security protocol provides safer connectivity

NWA1123-AC PRO — 802.11ac Dual-Radio Mount-Mount PoE Access Point
NWA1123ACv3 — 802.11ac Wave 2 Dual-Radio Ceiling Mount PoE Access Point
- Dual-radio (3x3 in 5 GHz, 2x2 in 2.4 GHz) 802.11ac AP provides maximum data rate of 3000 Mbps, and the 2.5G uplink port enables multi-gig connectivity for small biz networks
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- 160 MHz channels support, doubling the throughput compared to 80 MHz channels for faster network speeds
- Captive portal and IEEE 802.1X authentication support provides enterprise level security (NWA90AX only)

Wireless LAN Access Points - Simplicity
NWA50AX Pro/NWA90AX Pro — 802.11ax (WiFi 6) Dual-Radio PoE Access Point
- Dual-radio (dual 2x2) 802.11ax AP provides maximum data rate of 1800 Mbps
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- Excellent antenna and thermal design for desktop/wall/ceiling mount
- The WPA3 Personal provides safer encryption
- Captive portal and IEEE 802.1X authentication support provides enterprise-level security (NWA90AX only)

NWA50AX/NWA90AX — 802.11ax (WiFi 6) Dual-Radio PoE Access Point
- Easy configuration allows you to set up guest and employee network in no time
- Dual-radio (dual 2x2) 802.11ax AP provides maximum data rate of 1800 Mbps
- NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
- 160 MHz channels support, doubling the throughput compared to 80 MHz channels for faster network speeds
- Captive portal and IEEE 802.1X authentication support provides enterprise-level security (NWA90AX only)

NWA55AXE — 802.11ax (WiFi 6) Dual-Radio Outdoor PoE Access Point
- Dual-radio (2x2) 802.11ax outdoor AP provides maximum data rate of 1800 Mbps
- Smart Mesh automatically forms dynamic wireless links to bridge networks for inter-building settings and mitigates complex, inconvenient cabling WiFi deployments
- External, detachable antenna design allows users to attach other antennas to better suit different demands
- Designed for harsh outdoor environment with up to IP55 weatherproof rating
- Easy configuration setup with Zyxel's intuitive Nebula Cloud to get the network up and running in no time

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Mobile Broadband

5G NR Outdoor Routers
Nebula FWA710 — Nebula 5G NR Outdoor Router
- Nebula cloud management or standalone
- Premium 5G FWA broadband, downlink speed up to 5 Gbps*
- 6 built-in high-gain directional antennas of up to 9 dBi per element
- 2.5GbE interface compliant with standard 802.3af/at PoE
- IP68 ingress protection

NR7101 — 5G NR Outdoor Router
- 5G NR (Sub 6 GHz)/downlink 5 Gbps*
- IP68 ingress protection
- 8 built-in high-gain directional antennas of up to 10 dBi per element
- Free app for finding the best installation spot
- Remote management via HTTP/web GUI

Nebula NR7101 — Nebula 5G NR Outdoor Router
- Nebula cloud management
- 5G NR (Sub 6 GHz)/downlink 5 Gbps*
- IP68 ingress protection
- 8 built-in high-gain directional antennas of up to 10 dBi per element
- Free app for finding the best installation spot

NR7102 — 5G NR Outdoor Router
- 5G NR (Sub 6 GHz)/downlink 5 Gbps*
- 4 built-in high-gain directional antennas of up to 9 dBi per element
- 2.5GbE interface compliant with standard 802.3af/at PoE
- IP68 ingress protection

5G NR Indoor Routers
Nebula FWA510 — Nebula 5G NR Indoor Router
- Nebula cloud management or standalone
- High-speed AX1800 WiFi 6 experience up to 3.6 Gbps*
- 2.4/5 GHz dual concurrent WiFi sharing with up to 64 devices
- Dual WAN failover capability

Nebula NR5101 — Nebula 5G NR Indoor Router
- Nebula cloud management
- High-speed AX1800 WiFi 6 experience up to 1.2 Gbps*
- 2.4/5 GHz dual concurrent WiFi sharing with up to 64 devices
- Dual WAN failover capability
- Supports bridge or router mode

4G LTE Outdoor Routers
Nebula LTE3316-M904 — 4G LTE-A Pro Outdoor Router
- LTE-A Cat. 18/downlink 1.2 Gbps*
- IP68 ingress protection
- 4 built-in high-gain directional antennas of up to 8 dBi per element
- Free app for finding the best installation spot
- Remote management via HTTP/web GUI

4G LTE Indoor Routers
LTE5398-M904 — 4G LTE-A Pro Indoor IAD
- LTE-A Cat. 18/downlink 1200 Mbps*
- AC2050 dual-band WiFi AP
- 2.4/5 GHz dual concurrent WiFi sharing with up to 32 devices
- Dual WAN failover capability
- Supports VoIP/VoLTE

LTE5388-M804 — 4G LTE-A Indoor Router
- LTE-A Cat. 12/downlink 600 Mbps*
- AC2050 WiFi experience up to 1733 Mbps*
- 2.4/5 GHz dual concurrent WiFi sharing with up to 64 devices
- Dual WAN failover capability
- Supports bridge or router mode

LTE3301-PLUS — 4G LTE-A Indoor Router
- LTE-A Cat. 6/downlink 300 Mbps*
- Share AC1200 WiFi with 32 wireless devices
- 4 x GbE LAN ports (1 x WAN/3 x LAN)
- Dual WAN failover capability
- Easy WiFi connection with WPS button

Nebula LTE3301-PLUS — Nebula 4G LTE-A Indoor Router
- Nebula cloud management
- LTE-A Cat. 6/downlink 300 Mbps*
- Share AC1200 WiFi with 32 wireless devices
- 4 x GbE LAN ports (1 x WAN/3 x LAN)
- Dual WAN failover capability

4G LTE Mobile Hotspots
LTE2566-M634 — 4G LTE Mobile WiFi Hotspot
- LTE-A Cat. 6/downlink 300 Mbps*
- Share AC1200 WiFi with 10 wireless devices
- Up to 10 hours working hours (3,000 mAh)**
- Reform management with intuitive 2.4" touchscreen
- Modem and compact look

WAH7601 — 4G LTE Mobile WiFi Hotspot
- LTE Cat. 4/downlink 150 Mbps*
- Share N300 WiFi with 10 wireless devices
- Micro SD card slot (32 GB max)
- Up to 8 hours battery life (2,000 mAh)**
- Easy free management app

*The maximum data rate is a theoretical value. The actual data rate depends on the operator and network conditions.
**Battery life may vary in accordance with environmental conditions.

In-Building Cellular Coverage

ZoneDAS One Active DAS System
ZoneDAS One Base Unit — Active DAS Base Unit
- Support signal source from BTS or repeater (Vendor Independent)
- Up to 4 bands
- Support 20/30/4G/NB-IoT/5G HR FDD/TDD
- Support TDD bands: B1/B3/B7/B8/B20/B28a
- Support TDD bands: B41/n78
- Support copper or fiber optical signal distribution module
- Up to 8 Remote Units (RU) or 8 Expanders
- Up to 64 RUs (Base Unit + Expander)
- Max. coverage space 10,000 – 160,000 m²

ZoneDAS One Remote Unit — Active DAS Remote Unit
- Ultra-slim and fan-less design
- Up to 4 bands
- Support both voice and data
- Max. output power 23 dBm (antenna gain excluded)
- Build-in omni antennas with 3 dBi gain for ceiling mount
- Coverage up to 50x50 m² (30/3G/5G reforming spectrum)/ 30x30 m² (5G n78) in open area
- Powered by PoE

ZoneDAS One Expander — Active DAS Expander
- Expand remote capacity for more remote unit support
- Expand coverage to maximum of 160,000 square meters while working with ZoneDAS Base Unit

ZoneDAS One Line Extender — CATSe Active DAS Line Extender
- Extend the distance between ZoneDAS One Base Unit/ZoneDAS Extender and remote unit to 200 meters
- With it ZoneDAS system can support remote unit up to 400 meters away

ZoneDAS CATSe Active DAS System
ZoneDAS CATSe Active DAS Base Unit **SlimDAS Base Unit** — CATSe Active DAS Base Unit
- Support signal source as BTS or repeater (Vendor Independent)
- Support 20/3G/4G LTE
- Support TDD bands: B38/B39/B40/B41 (BTS mode only, BTS RF input power range: 0 – 250 mW)
- ZoneDAS Base Unit: up to 4 bands/SlimDAS Base Unit: up to 2 bands
- ZoneDAS Base Unit: up to 8 Remote Units (RU) or 8 Extenders/ SlimDAS Base Unit: up to 4 Remote Units (RU) or 4 Extenders
- ZoneDAS Base Unit: Max. up to 64 RUs (Base Unit + Extender)/ SlimDAS Base Unit: Max. up to 32 RUs (Base Unit + Extender)
- ZoneDAS Base Unit: Max. coverage space 10,000 – 80,000 m²/ SlimDAS Base Unit: Max. coverage space 5,000 – 40,000 m²

ZoneDAS Remote Unit — CATSe Active DAS Remote Unit
- Up to 4 bands
- Support both voice and data
- Max. output power 23 dBm
- Build-in dual antennas for ceiling & wall mount (software configurable)
- Coverage up to 50x50 m² in open area
- Powered by PoE

Remote Unit for External Antenna — CATSe Active DAS Remote Unit for External Antenna
- Up to 4 bands
- Support both voice and data
- Max. output power 17 dBm
- 4 external antenna connector
- Powered by PoE

ZoneDAS Extender — CATSe Active DAS Extender
- Support 8 remote units
- Expand coverage to maximum of 80,000 square meters while working with ZoneDAS Base Unit

MagicURer Repeater — Quad-Band Repeater
- Support 4 bands (fixed)
- Support 2G, 3G, 4G, 5G NR FDD, NB-IoT
- Support unbalanced or full bandwidth
- DL Power up to 10 dBm
- Service antenna port: 4
- Oscillation avoidance
- Auto uplink mute when inactive
- Input power with auto leveling algorithm
- End-to-end latency < 1.8μs (2G/3G/4G/5G)
- Max. system gain: 75 dB (Tunable)
- Max. coverage space 900 m²

SymmRepeater (various models) — CATSe Active DAS donor/repeater units

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Security Firewall and Gateway

Security Router
SCR60AX — Cloud-Managed Security Router with 2.5G Port
- Built-in Ransomware/Malware protection
- IP68 ingress protection
- 6 built-in high-gain directional antennas of up to 10 dBi per element
- Free app for finding the best installation spot
- Powerful 2.0 GHz quad-core CPU boosts the performance

SCR 50AXE — Secure Cloud-Managed Router with AXE5400 WiFi 6E Tri-Band
- Supports Nebula cloud management
- Tri-band WiFi 6E with up to 5400 Mbps
- Easy onboarding with Nebula app
- Network segmentation with VLAN
- Four GbE ports for more wired devices

USG FLEX H Series Firewalls
USG FLEX 100H — USG FLEX H Series for SB
- Flexibility for on-premises or Nebula cloud management
- Physical interfaces with 8 configurable 1GbE ports, 1 USB 3.0 type A, RJ-45, and SFP
- 3 Gbps firewall throughput, 750 Mbps VPN throughput, 750 Mbps UTM throughput (AV+IDP)
- Multi-layered protection stops security threats and control risky online behaviors
- Great usability with VPN wizard and graphic monitoring & statistics

USG FLEX 200H(HP) **USG FLEX 500H** — USG FLEX H Series for SMB
- Flexibility for on-premises or Nebula cloud management
- Physical interfaces with 6/8 1GbE & 2/4 2.5GbE configurable ports, 1 USB 3.0 type A, RJ-45, 1 (only USG FLEX 200HP)/2 PoE+ PSE, and SFP
- 5/10 Gbps firewall throughput, 1.8/3 Gbps VPN throughput, 1.8/3 Gbps UTM throughput (AV+IDP)
- Multi-layered protection stops security threats and control risky online behaviors
- Great usability with VPN wizard and graphic monitoring & statistics

USG FLEX Firewalls
USG FLEX 50 **USG FLEX 50AX** **USG FLEX 100** **USG FLEX 100AX** **USG FLEX 100W** — USG FLEX Firewall for SB
- Flexibility to adapt to on-premises or Nebula cloud management
- Analytics report and insights to cloud devices via web-friendly interface
- 350 Mbps firewall throughput, 360 Mbps UTM (AV+IDP) throughput*
- 1-year license services include web filtering, app patrol, anti-malware, IPS, and e-mail security**
- Robust hybrid VPN (IPSec/IKEv2/L2TP over IPSec/SSL)

USG FLEX 200 **USG FLEX 500** — USG FLEX for SMB
- Flexibility to adapt to on-premises or Nebula cloud management
- Unified security solution connectivity functions for small to mid-size organizations
- 1800/2300 Mbps firewall throughput, 550/800 Mbps UTM (AV+IDP) throughput
- Built-in with Zyxel Security Cloud with scale information about file and real-time threat data
- Analytics report and insights on cloud and device with user-friendly interface
- 1-year license services include web filtering, app patrol, anti-malware, IPS, and e-mail security

USG FLEX 700 — USG FLEX for MB
- Flexibility to adapt to on-premises or Nebula cloud management
- Unified security solution connectivity functions of small to mid-size organizations
- 5400 Mbps firewall throughput, 1350 Mbps UTM (AV+IDP) throughput
- Built-in with Zyxel Security Cloud with scale information about file and real-time threat data
- Analytics report and insights on cloud and device with user-friendly interface
- 1-year license services include web filtering, app patrol, anti-malware, IPS, and e-mail security

ATP Firewalls
ATP100 — ATP Firewall for SB
- 1 Gbps firewall throughput, 380 Mbps UTM (AV+IDP) throughput
- Flexibility to adapt to on-premises or Nebula cloud management
- Self-evolving cloud intelligence with global sharing synergy
- Sandboxing consists all known files and defeats unknown threats
- High assurance multi-layered protection against multiple types of threats
- Machine learning database with optimized cloud threat database update
- Analytics report and insights on cloud and device with user-friendly interface

ATP200 **ATP500** — ATP Firewall for SMB
- 22.6 Gbps firewall throughput, 600/890 Mbps UTM (AV+IDP) throughput
- Flexibility to adapt to on-premises or Nebula cloud management
- Self-evolving cloud intelligence with global sharing synergy
- Sandboxing consists all known files and defeats unknown threats
- High assurance multi-layered protection against multiple types of threats
- Machine learning database with 3-way conference calls
- Analytics report and insights on cloud and device with user-friendly interface

ATP700 **ATP800** — ATP Firewall for MB
- 6/8 Gbps firewall throughput, 1500/1900 Mbps UTM (AV+IDP) throughput
- Flexibility to adapt to on-premises or Nebula cloud management
- Self-evolving cloud intelligence with global sharing synergy
- Sandboxing consists all known files and defeats unknown threats
- High assurance multi-layered protection against multiple types of threats
- Machine learning database with optimized cloud threat database update
- Analytics report and insights on cloud and device with user-friendly interface

ZyWALL Unified Security Gateways
USG2200 — Ultra-high performance ZyWALL UTM Firewall for medium to large businesses
- Multi-thread protection with Anti-Malware, Content Filtering, IPS, Application Patrol, and SSL inspection
- Robust SSL, IPSec/IKEv2 and L2TP over IPSec VPN connectivity and VPN High Availability (HA)
- Hotspot Management and built-in WLAN controller for centralized AP management and effortless WiFi scalability

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Licensed Service

Security
Gold Security Pack — Security License
- Sandboxing
- Reputation Filter
- Anti-Malware
- IPS
- Application Patrol
- Web Filtering
- SecuReporter
- Collaborative Detection & Response
- Email Security (only on premises mode)
- Security Profile Sync (only cloud mode)
- Network Premium
- Secure WiFi
- Nebula Pro Pack

UTM Security Pack — Security License
- Anti-Malware
- IPS
- Application Patrol
- SecuReporter
- Collaborative Detection & Response
- Security Profile Sync (only cloud mode)
- Network Premium

Content Filter Pack — Security License
- Web Filtering
- Security Profile Sync (only cloud mode)
- Network Premium

SCR Pro Pack — Security License
- Web Filtering
- Real-time threat intelligence

Management and Reporting
Cloud CNM SecuReporter — Security Analytics Service
- Cloud-based real-time monitoring and alerts
- Effective event correlation and user behavior analytics
- Intuitive dashboard and customizable report

Nebula Control Center (NCC) Base Pack — Cloud Networking Management Service (License-free)
- Zero-touch provisioning and built-in multi-site network management tools to accelerate deployments for large, distributed support
- Centralized control and visibility reduce capital expense on both hardware and software

NCC Plus Pack — Cloud Networking Management Service
- NCC subscription pack that includes all the features from free Nebula Base Pack as well as the most frequently requested advanced features to enable additional control of network updates and visibility

NCC Professional Pack — Cloud Networking Management Service
- NCC subscription pack that includes all the features from Nebula Plus Pack as well as additional advanced functionality and management features to enable flexible management for devices, sites, and organizations

NCC MSP Pack — Cloud Networking Management Service
- NCC subscription pack that includes cross-organization management features to facilitate the configurations, monitoring, and management of multiple networks for MSP users

CNC
CNC — Cloud Network Center
- Anywhere, anytime accessibility to manage network remotely through public clouds
- Quick overview of network status across multiple sites
- Single pane of glass management for networking devices from switches, access points to gateways
- No local IT support required, any on-site person can replace failed devices with new ones easily

ZON Utility
ZON Utility — Zyxel One Network Utility
- Unified discovery and setup tool for Zyxel switches, wireless APs and gateways
- Centralized IP configuration, device reboot and firmware upgrade interface reduces deployment time and effort
- Eliminates the need to work with multiple discovery utilities or complicated network management systems

Endpoint and Connectivity
Secure WiFi — Network Access Service
- Secure tunnel and managed AP service
- L2 access between local and office network
- WPA2 Enterprise (802.1x) supported

Astra — Cloud Security Service
- Cloud-based service and email protection for Office 365, G Suite and on-premise e-mail
- Stop unwanted spam, phishing and malware with real-time threat intelligence
- No change to your existing infrastructure, one installation
- Reduce management overhead and stop wasting IT admin resources
- Supports iOS, Android apps, Mac and Windows operating systems

SecuExtender Zero Trust VPN Client — Network Security Service
- Providing solutions of both SSL VPN and IPSec VPN remote access
- Enhanced layered security incorporating Zyxel security appliances
- Easy and intelligent installation

Hospitality Pack — Vertical Solution Service
- High speed internet access
- Tier of service
- Log record for regulatory compliance
- Various Network access control

Connect & Protect (IGNP/CNP+) — WiFi Security Service
- Licensing security service for cloud-based access points that aims to protect business WiFi networks
- Threat protection incorporating of reputation and DNS filtering blocks undesirable website contents and prevents data
- Application visibility with flexibility bring visibility to the applications used in the networks to protect core applications and manage bandwidth to facilitate smooth business operation
- De-identifying personal identity and data to preserve the privacy of WiFi client users on any WiFi connection

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WiFi System

Multy
Multy M1 (WSM20) — Dual-Band AX1800 Dual-Band WiFi 6 Mesh System
- A whole home Mesh WiFi System covers up to 6,000 sq. ft. (557 m²)
- Unified one WiFi network keeps you connected without dead zones
- Ethernet/wireless dedicated backhaul enables faster Internet for all devices
- Four Gigabit LAN ports help you get consistent speeds everywhere
- Effortless installation and setting customizations with Multy App

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WiFi Extender

NWD7605 — Dual-Band AX1800 Nano USB Adapter
- WiFi 6 WiFi 6 technology USB dongle for an instant PC or laptop upgrade
- AX1800 Speeds up to 600 Mbps at 2.4 GHz or 1200 Mbps at 5 GHz
- OFDMA and MU-MIMO technologies ensure a fast and efficient WiFi connection
- Latest WPA3™ WiFi security helps protect your network from attacks

NWD6602 — Dual-Band Wireless AX1200 Nano USB Adapter
- 802.11ac technology with backward compatibility with 802.11 a/b/g/n/ac data transfer rates of up to 300 Mbps at 2.4 GHz or 867 Mbps at 5 GHz
- Dual-band, MU-MIMO improves the throughput of the network with web browsing and streaming optimization
- USB 2.0 type A interface for high speed network experience
- Latest WPA3™ WiFi security helps protect your network from attacks
- Compatible with Microsoft Windows, MAC OS, Linux operating systems

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DSL CPE

EX3301-T0 — WiFi 6 Dual-Band Wireless AX1800 Gigabit Ethernet IAD
- WiFi 6 for superior performance and high-bandwidth standards (compliant with EasyMesh standards)
- Remote management via TR-069 and TR-181 issue-2
- NAT, firewall with SPI and DoS for better security
- VoIP SIP protocol with 3-way conference calls
- Multiple SSIDs for various service deployment scenarios

DX3301-T0 — WiFi 6 Dual-Band Wireless AX1800 VDSL2 Gigabit IAD
- WiFi 6 for superior performance and high-bandwidth standards (compliant with EasyMesh standards)
- Remote management via TR-069 and TR-181 issue-2
- NAT, firewall with SPI and DoS for better security
- VoIP SIP protocol with 3-way conference calls
- Multiple SSIDs for various service deployment scenarios

VMG3625-T50B — Dual-Band Wireless AC/N VDSL2 Gigabit IAD
- Ultra speed for UHD IPTV service
- The triple-play powerhouse
- Carrier-class WiFi for seamless mobility
- TR-069 remote management with TR-181 issue-2 supported

VMG8426-B50A — VDSL2 17a Bonding and 35b Single Line Bridge
- Bonded VDSL2 with Vectoring
- Comprehensive routing with IPv6, QoS and Firewall
- TR-069 remote management

Service & Application

Zyxel Multy — WiFi System Setup & Management
- Easy to setup and diagnose network via speed test
- Support Internet access control, block or allow specific group based on time schedule

Zyxel Air — 5G/4G Router Setup & Management
- Easy installation and quick setup for optimal signal location
- Network diagnose and speed test
- View, allow or block WiFi & LAN client devices
- WiFi quick setup and share

Zyxel Nebula — WiFi Setup & Management
- Remote management via SIM PIN, APN, SMS, time and usage history

ZYXEL NETWORKS

Helping SMB customers and HOME Users seamlessly connect and unlock their potential

Legend:
- Fiber
- Cat 5e/6
- Powerline
- VPN
- PoE

Nebula Secure Cloud Networking Solution

nebula

- One Cloud-based Management for ALL
- 'Zero touch' - efficient deployment
- Real-time updating and monitoring with historical data
- Superb network performance for the best user experience

Zyxel E-commerce Platforms

Circle
For Partners:
Simplifying partner business operations on a unified management platform.

Marketplace
For Clients:
Your go-to online shop for easy license purchase and management.

Store
Zyxel Store:
Shop the latest range of networking and security devices from our official store.

Headquarters Network

- WBE660S — BE22000 (WiFi 7) Triple-Radio NebulaFlex Pro Access Point
- WAX650S — AX3600 Dual-Band WiFi 6 NebulaFlex Pro Access Point
- WAX640S-6E — AXE7800 Tri-Band WiFi 6E NebulaFlex Pro Access Point
- NWA130BE — BE11000 (WiFi 7) Triple-Radio NebulaFlex Access Point

XS1930-12HP — 10G Multi-Gigabit Smart Managed PoE Switch — 10G PoE / 5G PoE

XS1930-12F — 10G Smart Managed Fiber Switch with 2 Multi-Gigabit Ports

XMG1930-30HP — 2.5G Smart Managed Switch with 10G Uplink — 2.5G PoE

XMG1915-18EP — 2.5G Smart Managed Switch with 10G Uplink — 2.5G PoE

WAX630S — AX3000 Dual-Radio WiFi 6 NebulaFlex Pro Access Point

WAX510D — AX1800 Dual-Radio WiFi 6 NebulaFlex Pro Access Point

XGS1930-28HP — Gigabit Smart Managed PoE Switch with 10G Uplink — 1G PoE

PoE IP Phone

XS3800-28 — 10G L3 Aggregation Switch

XGS4600-32F — Gigabit L3 Aggregation Switch with 10G Uplink

USG FLEX 700H — USG FLEX H Firewall

GS2220-50 — Gigabit L2+ Switch — Workgroup

PoE IP Phone

XGS2220-30F — Gigabit Fiber L3 Access Switch with 10G Uplink

GS1920-24HPv2 — Gigabit Smart Managed PoE Switch — 1G PoE

NWA110AX — AX1800 Dual-Radio WiFi 6 NebulaFlex Access Point

GS1350-26HP — Gigabit Smart Managed PoE Switch for Surveillance — 1G PoE

ADSL2+/VDSL2
ADSL2+/VDSL2 Gateway

GEPON/GPON
GEPON ONU/ GPON ONT

Traveling employee
IPSec/SSL VPN
SSL VPN
IPSec VPN
VPN

Branch Office Network

USG FLEX 200 — USG FLEX Firewall

XGS2220-54 — Gigabit L3 Access Switch with 10G Uplink

GS1920-8HPv2 — Gigabit Smart Managed PoE Switch — 1G PoE

NWA210AX — AX3000 Dual-Radio WiFi 6 NebulaFlex Access Point

Workgroup

Server Farm (DMZ)

PoE IP Phone

Remote Work Network

Secure WiFi
Headquarters Network
SecuExtender VPN Client
Remote AP
Secure Tunnel

Internet/ Core Network

Small Business Network

Small Office
3G/UMTS Dongle
USG FLEX 50 — Business Firewall
XMG1915-10EP — 2.5G Smart Managed PoE Switch with 10G Uplink — 2.5G PoE
NWA50AX Pro — AX3000 Dual-Radio WiFi 6 NebulaFlex Access Point — AP Mode
Workgroup
NWD7605 — Dual-Band Wireless AX1800 USB Adapter

Café
SCR60AX — AX6000 Cloud-Managed Security Router with 2.5G Port
XMG1915-10EP — 2.5G Smart Managed PoE Switch with 10G Uplink — 2.5G PoE
NWA90AX Pro — AX3000 Dual-Radio WiFi 6 NebulaFlex AP with Captive Portal Support

GPON

5G NR/4G LTE Network

5G NR
4G LTE

Outdoor Router
Nebula FWA710 — Nebula 5G NR Outdoor Router
WAX610D — Access Point — 2.4 GHz + 5 GHz
LTE7490 — 4G LTE-A Pro Outdoor Router
WAX610D — Access Point — 2.4 GHz + 5 GHz

Indoor Router
Nebula FWA510 — Nebula 5G NR Indoor Router — 5 GHz / 2.4 GHz
LTE3301-PLUS — 4G LTE-A Indoor Router — 5 GHz / 2.4 GHz

Mobile Hotspot
LTE2566 — 4G LTE-A Mobile WiFi — 5 GHz / 2.4 GHz
WAH7601 — 4G LTE Mobile WiFi — 2.4 GHz

Smart Home/SOHO/Prosumer

Living Room
SCR 50AXE — AXE5400 Cloud-Managed Security Router with WiFi 6E — 5G / 2.4G
IP Camera
8K TV

Recreation Room
XMG-108 — 8-Port 2.5G Unmanaged Switch with 10G Uplink — 2.5G
8K TV
2.5G Gaming PC

Working Room
XGS1250-12 — 12-Port Web-Managed Multi-Gigabit Switch includes 3-Port 10G and 1-Port 10G SFP+ — 10G / 2.5G
Storage (SFP+)
Workstation

Home Office
NWA50AX — 802.11ax (WiFi 6) Dual-Radio PoE Access Point — 5G / 2.4G
NWD7605 — Dual-Band Wireless AX1800 USB Adapter