ZYXEL

ElectSys Tech is an authorized Zyxel Partner that sells and supports Zyxel routers and security gateways.
For support, call 573-569-4200 or go to http://electsystech.com

Security

Zyxel Security Portfolio

Business Scale	Small Businesses	Small and Medium-sized Businesses	Medium-sized Businesses
Model Series			
ATP	ATP200 ATP100 (W)	ATP500	ATP800 ATP700
USG FLEX	USG FLEX 200 USG FLEX 100	USG FLEX 500	
USG	USG60 (W) USG40 (W)	USG310 USG210 USG110	USG2200 USG1900 USG1100
VPN	VPN2S USG20W-VPN USG20-VPN VPN50	ZyWALL 310 ZyWALL 110 VPN300 VPN100	ZyWALL 1100 VPN1000
NSG	NSG50	NSG200 NSG100	NSG300

License by Model

Security

Compatible Security Appliances	License & Licensed Features			
	Web Filtering/ Content Filtering	**Geo Enforcer**	**Application Patrol**	**Anti-Malware/Virus**
	Block access to malicious or risky web sites	Manage network traffic by mapping IP address to geographical regions	Automatically categorize and manage the network application usage	Scan files at the gateway for viruses and other threats
ATP100/100W/200	●	●	●	●
ATP500/700/800	●	●	●	●
USG FLEX 100	●	●	●	●
USG FLEX 200	●	●	●	●
USG FLEX 500	●	●	●	●
USG40/40W	●	●	●	●
USG60/60W	●	●	●	●
USG110/210/310	●	●	●	●
USG1100/1900/2200	●	●	●	●
USG20(W)-VPN	●	●		
ZyWALL 110/310/1100	●	●	●	●
NSG50/100/200	●	●	●	●
VPN50	●	●	●	
VPN100/300/1000	●	●	●	
VPN2S	●			

Connectivity

Compatible Security Appliances	License & Licensed Features					
	SecuExtender VPN Client	**Managed AP Service**	**Hotspot Management**	**Concurrent Device Upgrade**	**Nebula SD-WAN**	**Nebula Professional Pack**
	SSL VPN and IPSec VPN remote access tool	AP auto discovery and provisioning	Various Network Access Control	Top up allowed number of connected clients	Simplify the delivery of WAN services across the organization	Easy Cloud management of Nebula gateways
ATP100/100W/200	●	●				
ATP500/700/800	●	●				
USG FLEX 100	●	●				
USG FLEX 200	●	●	●			
USG FLEX 500	●	●	●	●		
USG40/40W	●	●				
USG60/60W	●	●	●			
USG110/210/310	●	●	●	●		
USG1100/1900/2200	●	●	●	●		
USG20(W)-VPN	●					
ZyWALL 110/310/1100	●	●	●	●		
NSG50/100/200	●*					●
VPN50	●	●			●	
VPN100/300/1000	●	●	●	●	●	
VPN2S	●*					

*: NSG50/100/200 and VPN2S support IPSec VPN only.

IDP/IPS	Email Security/Anti-Spam	SecuReporter Premium	Sandboxing	Reputation Filter
Deep-packet inspection against known attacks from network	Fast detection to block spam/phishing mail with malicious contents	Cloud-based security analytics and report with 30-day log retention	Cloud-based sandbox technology against unknown threats	Block botnet infection and prevent drive-by download from infected websites via IP and URL detection
●	●	●	●	●
●	●	●	●	●
●	●	●		
●	●	●		
●	●	●		
●	●	●		
●	●	●		
●	●	●		
●	●	●		
	●	●		
●	●	●		
●				

Default Support for Registered Devices

| License & Licensed Features						
Amazon VPC	Microsoft Azure	Single Sign-On	Device High Availability Pro	SecuReporter	Zyxel One Network	Nebula Basic Pack
Easy network integration with AWS	Easy network integration with Azure	Simplified single sign in to multiple resources	Device failure detection and failover	Cloud-based security analytics and report with 7-day log retention	A Unified installation tool for Zyxel switches, WLAN and gateways	Easy Cloud management of Nebula gateways
●	●	●			●	
●	●	●	●		●	
●	●	●		●	●	
●	●	●		●	●	
●	●	●	●	●	●	
●	●	●		●	●	
●	●	●		●	●	
●	●	●	●	●	●	
●	●	●	●	●	●	
●	●	●		●	●	
●	●	●	●	●	●	
●	●				●	●
●	●	●			●	
●	●	●	●		●	
●	●					

Zyxel security solutions

Self-evolving cloud intelligence

Cloud intelligence receives all unknown files or user patterns from Zyxel ATP firewall's enquiry then identifies and archives inspection results by Threat Intelligence Machine Learning. It then pushes the most top-ranked threat signature into all ATP firewalls so that all ATP devices are all within the seamless defense shield against new unknown threats. With the real-time cloud-device synchronization, the cloud intelligence becomes a continuously-growing and self-evolving security defense ecosystem, adaptive to external attacks and also more importantly keeping all ATP firewalls in sync at all times.

## Sandboxing emulates unknown to known

Sandboxing is an isolated cloud environment to contain unknown files that cannot be identified by existing security service on device and to emulate those unknown files to identify whether they are malicious or not. Key values from sandboxing is to inspect packet behavior in isolation so the potential threat does not enter the network at all, and also to identify new malware types which the conventional static security mechanism may not detect. Cloud sandboxing with Zyxel ATP Firewall Series is preventive measure for zero-day attacks of all sorts.
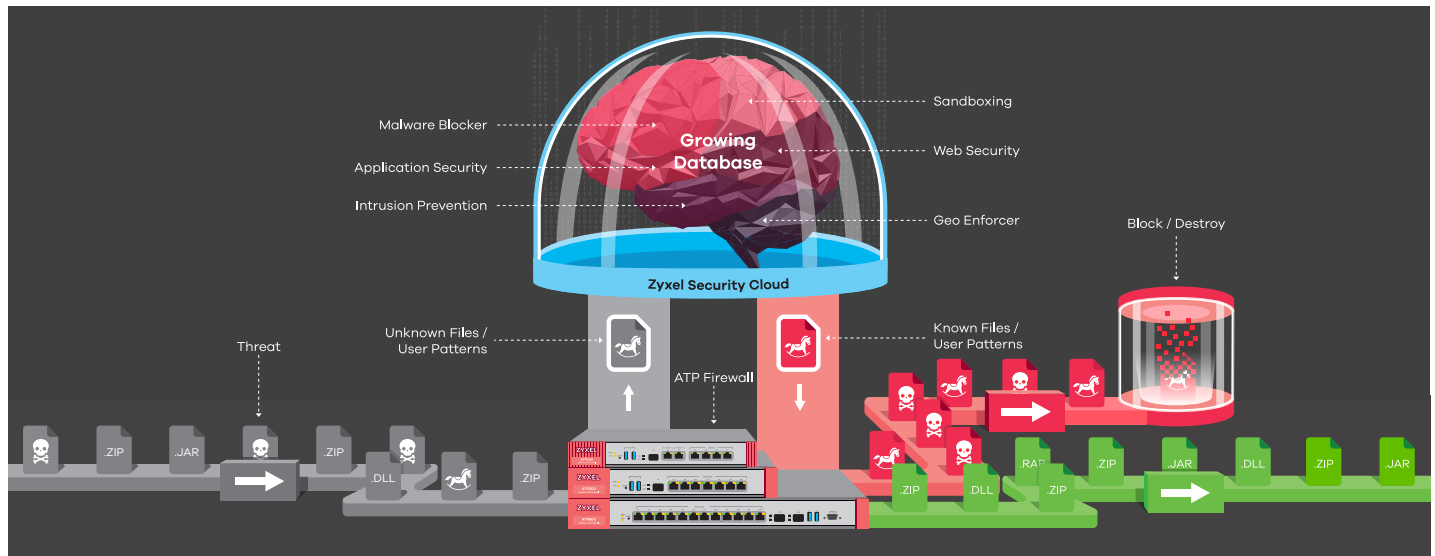
High assurance multi-layered protection

Traditionally a one-to-one solution is designed to stop a specific attack. Malware has evolved and is capable of approaching your networks in every stages of attack. This traditional protection inevitably fails. The ZyWALL ATP Firewall Series is designed with multi-layered protection to guard against threats with multiple vectors from in and out.

It contains comprehensive security features like botnet filter, sandboxing, app patrol, content filtering, reputation filter, anti-malware, and IDP. As soon as your devices begin to get up and running, ATP firewalls are a sure way to start safeguarding your network without any unattended openings for attack.
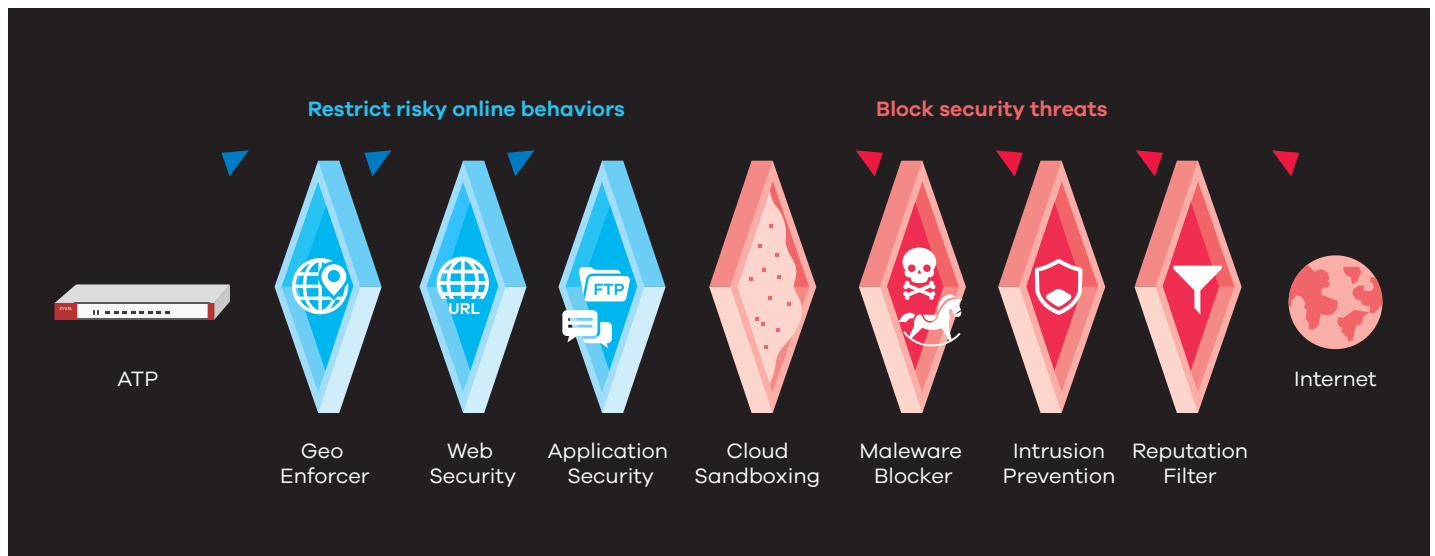
Reputation Filter preemptive IP threat defense

Reputation Filter matches up IP addresses with a real-time cloud database that tracks malicious cyber activities and determines if its address is reputable or not. This improves blocking efficiency, reduces hardware utilization, giving administrators additional network resources to quickly and easily address any issues. Reputation Filter also increases threat visibility in SecuReporter (included in bundle pack) which assists in tracing cyber threat sources.
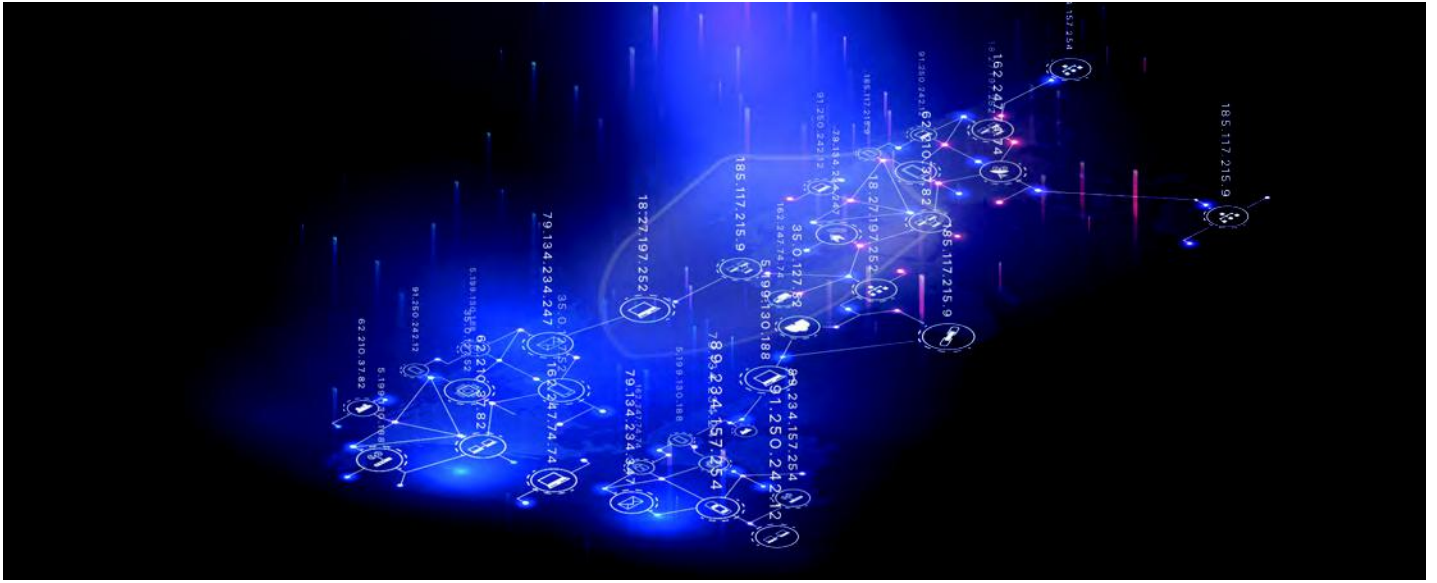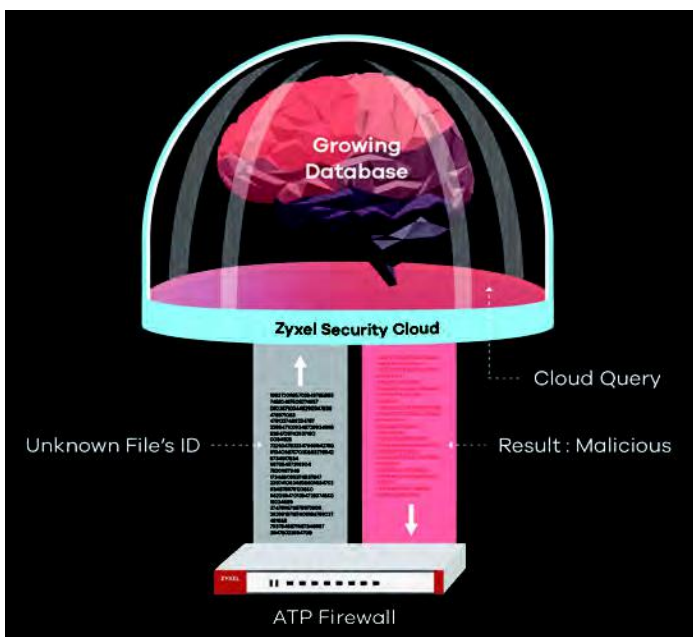

Cloud Query levels up ATP malware defense

When an unknown file appears, within seconds, Cloud Query quickly checks the file ID in Zyxel Security Cloud's database to check if it's malicious. This maximizes your network traffic by consuming minimal network resources while maintaining a strong malware coverage with multiple-sourced databases which has billions of malware data and still growing every minute via Threat Intelligence Machine Learning. Cloud Query also accelerates the collection of new malware that circulates throughout Zyxel Security Cloud, which strengthens every ATP's malware protection capability.

Visualize unknown threat analytics and reports

ATP Firewall dashboard gives user-friendly traffic summary and threat statistic visuals. Utilize SecuReporter for a suite of analysis and reporting tools, including network security threats identification/analysis, security services, security events, application usage, website usage, and traffic usage. Analyze sandboxing scanning activity detail and will send an alert mail to administrator if mail is detected as high risk. Botnet filter analytics/report show top N botnet threat web sites and their type, list which internal hosts are controlled by botnet web sites. IP Reputation analytics offer IP attack detail and its risk. ATP series with SecuReporter offer comprehensive protection and analytics.

Specifications

Model	ZyWALL ATP100	ZyWALL ATP200	ZyWALL ATP500	ZyWALL ATP800
Product photo				
Hardware Specifications				
10/100/1000 Mbps RJ-45 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)
USB 3.0 ports	1	2	2	2
Console port	Yes (RJ-45)	Yes (DB9)	Yes (DB9)	Yes (DB9)
Rack-mountable	-	Yes	Yes	Yes
Fanless	Yes	Yes	-	-
System Capacity & Performance[*1]				
SPI firewall throughput (Mbps)[*2]	1,000	2,000	2,600	8,000
VPN throughput (Mbps)[*3]	300	500	900	1,500
IDP throughput (Mbps)[*4]	600	1,200	1,700	2,700
AV throughput (Mbps)[*4]	250	450	700	1,200
UTM throughput (AV and IDP)[*4]	250	450	700	1,200
Max. TCP concurrent sessions[*5]	300,000	600,000	1,000,000	2,000,000
Max. concurrent IPSec VPN tunnels[*5]	40	40	200	1,000
Concurrent SSL VPN users	10	10	50	100
VLAN interface	8	16	64	128
Speedtest Performance				
SPI firewall throughput (Mbps)[*6]	850	900	900	930
WLAN Management				
Managed AP number (1 Year bundled)[*7]	10	18	34	130
Security Services[*8]				
Sandboxing	Yes	Yes	Yes	Yes
Web Security	Yes	Yes	Yes	Yes
Application Security	Yes	Yes	Yes	Yes
Malware Blocker	Yes	Yes	Yes	Yes
Intrusion Prevention (IDP)	Yes	Yes	Yes	Yes
Reputation Filter	Yes	Yes	Yes	Yes
Geo Enforcer	Yes	Yes	Yes	Yes
SecuReporter	Yes	Yes	Yes	Yes
Key Features				
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
SSL (HTTPS) Inspection	Yes	Yes	Yes	Yes
2-Factor Authentication	Yes	Yes	Yes	Yes
Microsoft Azure	Yes	Yes	Yes	Yes
Amazon VPC	Yes	Yes	Yes	Yes
Device HA Pro	-	-	Yes	Yes

Model		ZyWALL ATP100	ZyWALL ATP200	ZyWALL ATP500	ZyWALL ATP800
Power Requirements					
Power input		12 V DC, 2 A max.	12 V DC, 2.5 A max.	12 V DC, 4.17 A	100-240 V AC, 50/60 Hz, 2.5 A max.
Max. power consumption (watt)		12.5	13.3	24.1	46
Heat dissipation (BTU/hr)		42.65	45.38	82.23	120.1
Physical Specifications					
Item	**Dimensions (WxDxH) (mm/in.)**	216 x 143 x 33/ 8.50 x 5.80 x 1.30	272 x 187 x 36/ 10.7 x 7.36 x 1.42	300 x 188 x 44/ 11.81 x 7.4 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73
	Weight (kg/lb.)	0.85/1.87	1.4/3.09	1.65/3.64	3.3/7.28
Packing	**Dimensions (WxDxH) (mm/in.)**	284 x 190 x 100/ 11.18 x 7.48 x 3.94	427 x 247 x 73/ 16.81 x 9.72 x 2.87	351 x 152 x 245/ 13.82 x 5.98 x 9.65	519 x 392 x 163/ 20.43 x 15.43 x 6.42
	Weight (kg/lb.)	1.4/3.09	2.23 (W/O bracket) 2.42 (W/ bracket)	2.83/6.24	4.8/10.58
Included accessories		• Power adapter • RJ-45 cable • RS-232 cable	• Power adapter • Rack mounting kit	• Power adapter • Power cord • Rack mounting kit	• Power cord • Rack mounting kit
Environmental Specifications					
Operating environment	**Temperature**	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage environment	**Temperature**	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)		989,810.8	529,688.2	529,688.2	947,736
Acoustic noise		-	-	24.5 dBA on < 25°C operating temperature, 41.5 dBA on full FAN speed.	25.3 dBA on < 25°C operating temperature, 46.2 dBA on full FAN speed.
Certifications					
EMC		FCC Part 15 (Class B), CE (Class B), RCM (Class B), BSMI	FCC Part 15 (Class B), CE (Class B), RCM (Class B), BSMI	FCC Part 15 (Class A), CE (Class A), RCM (Class A), BSMI	FCC Part 15 (Class A), CE (Class A), RCM (Class A), BSMI
Safety		LVD, BSMI	LVD, BSMI	LVD, BSMI	LVD, BSMI

*: This matrix with firmware ZLD4.35 or later.
*1: Actual performance may vary depending on network conditions and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measured based on RFC 2544 (1,424-byte UDP packets).
*4: AV and IDP throughput measured using the industry standard HTTP performance test (1,460-byte HTTP packets). Testing done with multiple flows.
*5: Maximum sessions measured using the industry standard IXIA IxLoad testing tool
*6: The Speedtest result is conducted with 1Gbps WAN link in real world and it is subject to fluctuate due to quality of the ISP link.
*7: Once Gold Pack has expired, 2 APs will only be supported.
*8: Enable or extend feature capacity with Zyxel service license.

Access Point Compatibility List

Product	Unified AP		Unified Pro AP	

Models	• NWA5121-N
	• NWA5121-NI
	• NWA5123-AC
	• NWA5123-AC HD
	• NWA5123-NI
		• NWA5301-NJ
		• WAC5302D-S
		• Forward
		  Compatible APs*
			• WAC6103D-I
			• WAC6303D-S
			• WAC6502D-E
			• WAC6502D-S
			• WAC6503D-S
				• WAC6552D-S
				• WAC6553D-E
				• Forward
				  Compatible APs*

Functions				
Central management	Yes		Yes	
Auto provisioning	Yes		Yes	
Data forwarding	Local bridge		Local bridge/Data tunnel	
ZyMesh	Yes		Yes	

*: From APC3.0, commercial gateways supporting APC technology are able to recognize APs with FW release higher than APC3.0 as Forward Compatible APs. Resellers can introduce newly-available Zyxel APs with basic features supported without upgrading any new controller firmware.

Software Features

Security Service

Firewall

- ICSA-certified corporate firewall
- Routing and transparent (bridge) modes
- Stateful packet inspection
- User-aware policy enforcement
- SIP/H.323 NAT traversal
- ALG support for customized ports
- Protocol anomaly detection and protection
- Traffic anomaly detection and protection
- Flooding detection and protection
- DoS/DDoS protection

Unified Security Policy

- Unified policy management interface
- Support Content Filtering, Application Patrol, firewall (ACL/SSL)
- Policy criteria: zone, source and destination IP address, user, time

Intrusion Detection and Prevention (IDP)

- Routing and transparent (bridge) mode
- Signature-based and behavior based scanning
- Customized signatures supported
- Automatic signature updates

Application Patrol

- Granular control over the most important applications
- Identifies and controls application behavior
- Supports 30+ application categories
- Supports user authentication
- Real-time statistics and reports

Sandboxing

- Cloud-based multi-engine inspection
- Support HTTP/SMTP/POP3/FTP
- Wild range file type examination
- Real-time threat synchronization

Anti-Malware

- Stream-based scan engine
- No file size limitation
- HTTP, FTP, SMTP, POP3 protocol support
- Automatic signature updates

Cloud Query

- Cloud-based malware scan engine
- Works with over 30 billion signature database and still growing
- Supports FTP/HTTP/HTTPS-based protocol
- Multiple file types supported

E-mail Security

- Transparent mail interception via SMTP and POP3 protocols
- Sender-based IP reputation filter

- Spam, Phishing, Zero-hour virus mail detection
- Blacklist and whitelist support
- Supports DNSBL checking

Reputation Filter

- IP-based reputation filter
- Supports 10 Cyber Threat Categories
- Inbound & Outbound traffic filtering
- Blacklist and whitelist support

Botnet Filter

- Botnet C&C websites blocking
- Malicious URL blocking

Content Filtering

- HTTPs domain filtering
- SafeSearch support
- Whitelist websites enforcement
- URL blacklist and whitelist, keyword blocking support
- Customizable warning messages and redirection URL

Geo Enforcer

- Geo IP blocking
- Geographical visibility on traffics statistics and logs
- IPv6 address support

IP Exception

- Provides granular control for target source and destination IP
- Supports security service scan bypass for IDP and Anti-Malware

ZyWALL USG FLEX 100/100W/200/500/700

USG FLEX Firewall

The latest USG FLEX 100 provides one single management platform on the cloud while expanding and strengthening the protection from firewalls to access points with automatic responses. The newly designed USG FLEX Series is capable of minimizing computing power usage and maximizing firewall performance, delivering up to 5x UTM performance with cloud flexibility and collaborative protection to help connect and secure small or mid-sized business users.

Benefits

Nebula together

USG FLEX firewalls, the new addition to the Nebula cloud management family, strongly empowers the full-blown Zyxel security matrix in Nebula, further optimizing Nebula with holistic security and protection for SMB business networks. Zyxel provides a centralized provisioning security policy to the remote workforce from Nebula and traffic shaping eliminating the network bottleneck to fuel the best business productivity.
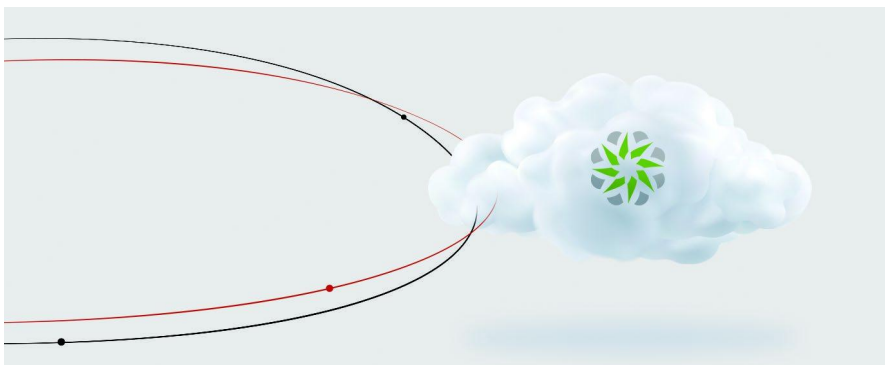
- Flexibility to adapt to on-premises or Nebula cloud management
- Precise detection with cloud query express mode
- High assurance multi-layered protection
- DNS and URL content filter ensures the web security
- Device Insight provides better visibility and control
- Automatically contains threats at the network edge
- Secure WiFi guarantees remote work security
- Add two-factor authentication for an extra layer of protection

Datasheet ZyWALL USG FLEX 100/100W/200/500/700

Comprehensive web filtering service

USG FLEX Firewall delivers enhanced web filtering functionality and security through its powerful combination of both reputation and category-based filtering. The dynamic content categorization analyzes the content of a previously unknown website and domain and determines if it belongs to an undesirable category including gambling, pornography, games, and many others. A newly added DNS content filter offers a better approach to inspect web access, particularly when the website is deploying ESNI (Encrypted Server Name Indication) where the traditional URL filtering failed to identify the destination domain.

Analytics report and enhanced insights

USG FLEX series dashboard gives user-friendly traffic summary and threat statistic visuals. Utilize SecuReporter for further threat analysis with correlation feature design, making it easy to proactively trackback network status to prevent the next threat event. Centralized visibility of network activities for you to easily manage multiple clients.
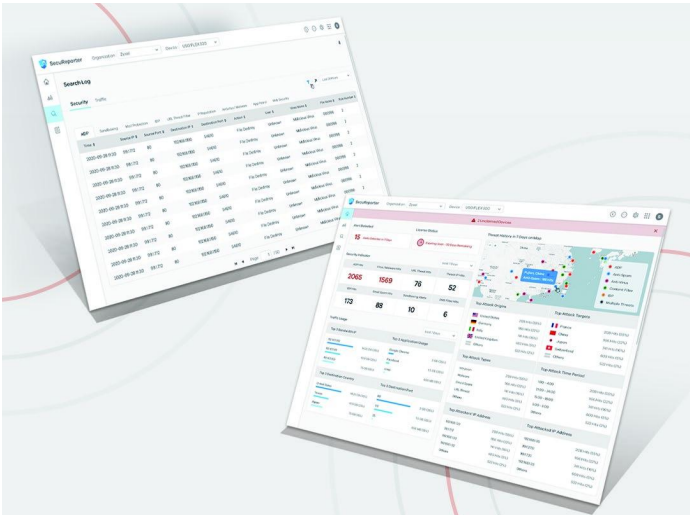
Comprehensive connectivity

We also provide Wireless Health Monitor giving you visibility into the connection state of client and access point issues, allowing network administrators to easily troubleshoot issues.
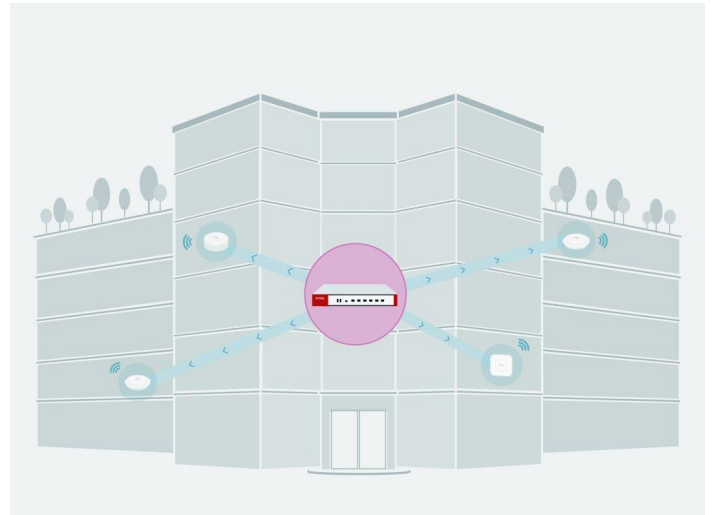
Specifications

Model	USG FLEX 100	USG FLEX 100W	USG FLEX 200
Product photo			
Hardware Specifications			
WiFi Standard	-	802.11 a/b/g/n/ac	-
10/100/1000 Mbps RJ-45 ports	4 x LAN/DMZ, 1 x WAN, 1 x SFP	4 x LAN/DMZ, 1 x WAN, 1 x SFP	4 x LAN/DMZ, 2 x WAN, 1 x SFP
USB3.0 ports	1	1	2
Console port	Yes (RJ-45)	Yes (RJ-45)	Yes (DB9)
Rack-mountable	-	-	Yes
Fanless	Yes	Yes	Yes
System Capacity & Performance[1]			
SPI firewall throughput (Mbps)[2]	900	900	1,800
VPN throughput (Mbps)[3]	270	270	450
VPN IMIX throughput (Mbps)[3]	100	100	160
IDP throughput (Mbps)[4]	540	540	1,100
AV throughput (Mbps)[4]	360	360	570
UTM throughput (AV and IDP)[4]	360	360	550
Max. TCP concurrent sessions[5]	300,000	300,000	600,000
Max. concurrent IPsec VPN tunnels[6]	40	40	100
Concurrent SSL VPN users	30	30	60
VLAN interface	8	8	16
Concurrent devices logins (default/max.)[7][8]	64	64	200
Speedtest Performance			
SPI firewall throughput (Mbps)[11]	760	760	810
Security Features			
Anti-Malware[7]	Yes	Yes	Yes
IPS[7]	Yes	Yes	Yes
Application Patrol[7]	Yes	Yes	Yes
Email Security	Yes	Yes	Yes
Web filtering[7]	Yes	Yes	Yes
SecuReporter Premium[7]	Yes	Yes	Yes
Collaborative Detection & Response[7]	Yes	Yes	Yes
SSL (HTTPS) Inspection	Yes	Yes	Yes
Device Insight	Yes	Yes	Yes
2-Factor Authentication	Yes	Yes	Yes
VPN Features			
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
Microsoft Azure	Yes	Yes	Yes
Amazon VPC	Yes	Yes	Yes
WLAN Management			
Default Number of Managed AP	8	8	8
Recommend max. AP in 1 AP Group	10	10	20
Secure WiFi Service[7]	Yes	Yes	Yes
Maximum No. of Tunnel-Mode AP	6	6	10
Maximum No. of Managed AP	24	24	40

Model	USG FLEX 100	USG FLEX 100W	USG FLEX 200
Connectivity Management			
Cloud-managed (Nebula) Mode	Yes	Yes	Yes
Hotspot Management*⁷	-	-	Yes
Ticket printer support*⁹/ Support Qty (max.)	-	-	Yes (SP350E) / 10
Device HA Pro	-	-	-
Power Requirements			
Power input	12V DC, 2A max.	12V DC, 2A max.	12V DC, 2.5A max.
Max. power consumption (Watt Max.)	12.5	12.5	13.3
Heat dissipation (BTU/hr)	42.65	42.65	45.38
Physical Specifications			
Item **Dimensions (WxDxH) (mm/in.)**	216 x 147.3 x 33/ 8.50 x 5.80 x 1.30	216 x 147.3 x 33/ 8.50 x 5.80 x 1.30	272 x 187 x 36/ 10.7 x 7.36 x 1.42
Weight (Kg/lb.)	0.85/1.87	0.85/1.87	1.4/3.09
Packing **Dimensions (WxDxH) (mm/in.)**	284 x 190 x 100/ 11.18 x 7.48 x 3.94	284 x 190 x 100/ 11.18 x 7.48 x 3.94	427 x 247 x 73/ 16.81 x 9.72 x 2.87
Weight (kg/lb.)	1.40/3.09	1.40/3.09	2.23 (W/O bracket) 2.42 (W/ bracket)
Included accessories	• Power adapter • RJ-45 - RS-232 cable for console connection	• Power adapter • RJ-45 - RS-232 cable for console connection	• Power adapter • Rack mounting kit
Environmental Specifications			
Operating **Temperature**	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F
Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage **Temperature**	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F
Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	989810.8	989810.8	529688.2
Certifications			
EMC	FCC Part 15 (Class B), CE EMC (Class B),BSMI	FCC Part 15 (Class B), CE EMC (Class B),BSMI	FCC Part 15 (Class B), CE EMC (Class B), C-Tick (Class B), BSMI
Safety	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

Model	USG FLEX 500	USG FLEX 700
Product photo		

Hardware Specifications		
10/100/1000 Mbps RJ-45 ports	7 (configurable), 1 x SFP (configurable)	12 (configuratble), 2 x SFP (configurable)
USB3.0 ports	2	2
Console port	Yes (DB9)	Yes (DB9)
Rack-mountable	Yes	Yes
Fanless	-	-
System Capacity & Performance*[1]		
SPI firewall throughput (Mbps)*[2]	2,300	5,400
VPN throughput (Mbps)*[3]	810	1,100
VPN IMIX throughput (Mbps)*[3]	240	550
IDP throughput (Mbps)*[4]	1,500	2,000
AV throughput (Mbps)*[4]	800	1,450
UTM throughput (AV and IDP)*[4]	800	1,350
Max. TCP concurrent sessions*[5]	1,000,000	1,600,000
Max. concurrent IPsec VPN tunnels*[6]	300	500
Concurrent SSL VPN users	150	150
VLAN interface	64	128
Concurrent devices logins (default/max.)*[7]*[8]	200/300	500/2000
Speedtest Performance		
SPI firewall throughput (Mbps)*[11]	810	840
Security Features		
Anti-Malware*[7]	Yes	Yes
IPS*[7]	Yes	Yes
Application Patrol*[7]	Yes	Yes
Email Security	Yes	Yes
Web filtering*[7]	Yes	Yes
SecuReporter Premium*[7]	Yes	Yes
Collaborative Detection & Response*[7]	Yes	Yes
SSL (HTTPS) Inspection	Yes	Yes
Device Insight	Yes	Yes
2-Factor Authentication	Yes	Yes
VPN Features		
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
Microsoft Azure	Yes	Yes
Amazon VPC	Yes	Yes
WLAN Management		
Default Number of Managed AP	8	8
Recommend max. AP in 1 AP Group	60	200
Secure WiFi Service*[7]	Yes	Yes
Maximum No. of Tunnel-Mode AP	18	130
Maximum No. of Managed AP	72	520

Model	USG FLEX 500	USG FLEX 700
Connectivity Management		
Cloud-managed (Nebula) Mode	Yes	Yes
Hotspot Management*⁷	Yes	Yes
Ticket printer support*⁹/ Support Qty (max.)	Yes (SP350E) / 10	Yes (SP350E) / 10
Device HA Pro	Yes	Yes
Power Requirements		
Power input	12V DC, 4.17A	100-240V AC, 50/60Hz, 2.5A max.
Max. power consumption (Watt Max.)	24.1	46
Heat dissipation (BTU/hr)	82.23	120.1
Physical Specifications		
Item — **Dimensions (WxDxH) (mm/in.)**	300 x188 x 44/ 16.93 x 7.4 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73
Weight (Kg/lb.)	1.65/3.64	3.3/7.28
Packing — **Dimensions (WxDxH) (mm/in.)**	351 x 152 x 245/ 13.82 x 5.98 x 9.65	519 x 392 x 163/ 20.43 x 15.43 x 6.42
Weight (kg/lb.)	2.83/6.24	4.8/10.58
Included accessories	• Power adapter • Power cord • Rack mounting kit	• Power cord • Rack mounting kit
Environmental Specifications		
Operating — **Temperature**	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F
Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage — **Temperature**	-30°C to 70°C/ -22°F to 158°F	- 30°C to 70°C/ - 22°F to 158°F
Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	529688.2	947736
Acoustic Noise	24.5dBA on < 25degC Operating Temperature, 41.5dBA on full FAN speed	24.5dBA on < 25degC Operating Temperature, 41.5dBA on full FAN speed
Certifications		
EMC	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI
Safety	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

*: This matrix with firmware ZLD5.1 or later.
*1: Actual performance may vary depending on system configuration, network conditions, and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measurement are based on RFC 2544 (1,424-byte UDP packets); IMIX: UDP throughput based on a combination of 64 byte, 512 byte, and 1424 byte packet sizes.
*4: AV (with Express Mode) and IDP throughput measured using the industry standard HTTP performance test (1,460-byte HTTP packets). Testing done with multiple flows.
*5: Maximum sessions measured using the industry standard IXIA IxLoad testing tool
*6: Including Gateway-to-Gateway and Client-to-Gateway.
*7: With Zyxel service license to enable or extend the feature capacity.
*8: This is the recommend maximum number of concurrent logged-in devices.
*9: SafeSearch function in CF need to enable SSL inspection firstly and not for small business models.
*10: With Hotspot Management license support
*11: The Speedtest result is conducted with 1Gbps WAN link in real world and it is subject to fluctuate due to quality of the ISP link.

Wireless Specifications

Model		USG FLEX 100W
Standard compliance		802.11 a/b/g/n/ac
Wireless frequency		2.4 / 5 GHz
Radio		2
SSID number		4
Maximum transmit power (Max. total channel)	US (FCC) 2.4 GHz	25 dBm, 3 antennas
	US (FCC) 5 GHz	25 dBm, 3 antennas
	EU (ETSI) 2.4 GHz	20 dBm(EIRP), 3 antennas
	EU (ETSI) 5 GHz	20 dBm(EIRP), 3 antennas
No. of antenna		3 detachable antennas
Antenna gain		2 dBi @ 2.4GHz 3 dBi @ 5 GHz
Data rate		• 802.11n: up to 450Mbps • 802.11ac: up to 1300Mbps
Frequency Band	2.4 GHz (IEEE 802.11 b/g/n)	• USA (FCC): 2.412 to 2.462 GHz • Europe (ETSI): 2.412 to 2.472 GHz • TWN (NCC): 2.412 to 2.462 GHz

	5 GHz (IEEE 802.11 a/n/ac)	• USA (FCC): 5.150 to 5.250 GHz; 5.250 to 5.350 GHz;
		      5.470to 5.725 GHz; 5.725 to 5.850 GHz
		• Europe (ETSI): 5.15 to 5.35 GHz; 5.470 to 5.725 GHz
		• TWN (NCC): 5.15 to 5.25 GHz; 5.25 to 5.35 GHz;
		      5.470 to 5.725 GHz; 5.725 to 5.850 GHz

Receive sensitivity	2.4 GHz	11 Mbps ≤ -87 dBm HT20 ≤ -71 dBm 54 Mbps ≤ -74 dBm HT40 ≤ -68 dBm
	5 GHz	54 Mbps ≤ -74 dBm HT20, MCS23 ≤ -71 dBm HT40, MCS23 ≤ -68 dBm VHT20, MCS8 ≤ -66 dBm VHT40, MCS9 ≤ -62 dBm VHT80, MCS9 ≤ -59 dBm

Software Features

Security Service

Firewall
- ICSA-certified corporate firewall
- Routing and transparent (bridge) modes
- Stateful packet inspection
- User-aware policy enforcement
- SIP/H.323 NAT traversal
- ALG support for customized ports
- Protocol anomaly detection and protection
- Traffic anomaly detection and protection
- Flooding detection and protection
- DoS/DDoS protection

Unified Security Policy
- Unified policy management interface
- Support Content Filtering, Application Patrol, firewall (ACL/SSL)
- Policy criteria: zone, source and destination IP address, user, time

Intrusion Prevention System (IPS)
- Support both intrusion detection and prevention
- Support allowlist (whitelist) to deal with false positives involving known benign activity
- Support rate-based IPS signatures to protect networks against application-based DoS and brute force attacks
- Signature-based and behavior-based scanning
- Support exploit-based and vulnerability-based protection
- Support Web attacks like XSS and SQL injection
- Streamed-based engine
- Support SSL inspection
- Inspection on various protocols - HTTP/HTTPs, FTP/FTPs, SMTP/SMTPs, POP3/POP3s and IMAP/IMAPs
- Customizable signature & protection profile
- Automatic new signature update mechanism support

Intrusion Detection and Prevention (IDP)
- Routing and transparent (bridge) mode
- Signature-based and behavior based scanning
- Customized signatures supported
- Automatic signature updates

Application Patrol
- Smart single-pass scanning engine
- Identifies and control thousands of applications and their behaviors
- Support up to 25 application categories
- Granular control over the most popular applications
- Prioritize and throttle application
- Real-time application statistics and reports

Anti-Malware
- High performance query-based scan engine (Express Mode)
- Works with over 30 billion of known malicious file identifiers and still growing
- Multiple file types supported
- Stream-based scan engine (Stream Mode)
- No file size limitation
- HTTP, FTP, SMTP, and POP3 protocol supported
- SSL inspection support
- Automatic signature update

E-mail Security
- Transparent mail interception via SMTP and POP3 protocols
- Spam and Phishing mail detection
- Blacklist and whitelist support
- Supports DNSBL checking

URL Threat Filter
- Botnet C&C websites blocking
- Malicious URL blocking
- Supports External URL blacklist

Web Filtering
- HTTPs domain filtering
- SafeSearch support
- Whitelist websites enforcement
- URL blacklist and whitelist with keyword blocking
- Customizable warning messages and redirect URL
- Customizable Content Filtering block page
- URL categories increased to 111
- CTIRU (Counter-Terrorism Internet Referral Unit) support
- Support DNS base filtering (domain filtering)

IP Exception
- Provides granular control for target source and destination IP

- Supports security service scan bypass for IDP, Anti-Malware and URL Threat Filter

Collaborative Detection & Response (CDR)
- Support Alert/Block/Quarantine containment actions
- Prevent malicious wireless clients network access with blocking feature
- Customizable warning messages and redirect URL
- Bypass by IP or MAC address with exempt list

VPN

IPSec VPN
- Key management: IKEv1 (x-auth, mode-config), IKEv2 (EAP, configuration payload)
- Encryption: DES, 3DES, AES (256-bit)
- Authentication: MD5, SHA1, SHA2 (512-bit)
- Perfect forward secrecy (DH groups) support 1, 2, 5, 14, 15-18, 20-21
- PSK and PKI (X.509) certificate support
- IPSec NAT traversal (NAT-T)
- Dead Peer Detection (DPD) and relay detection
- VPN concentrator
- Route-based VPN Tunnel Interface (VTI)
- VPN high availability (Failover, LB)
- GRE over IPSec
- NAT over IPSec
- L2TP over IPSec
- Zyxel VPN client provisioning
- Support iOS L2TP/IKE/IKEv2 VPN client provision

SSL VPN
- Supports Windows and Mac OS X
- Supports full tunnel mode
- Supports 2-Factor authentication

Networking

Secure WiFi
- Secure Tunnel for Remote AP
- L2 access between home office and HQ (Secured Tunnel)
- Enforcing 2FA with Google Authenticator
- WPA2 Enterprise (802.1x) supported
- Wireless Storm Control
- Applicable regardless of the on-premise/Nebula-managed mode of the USG FLEX

WLAN Management
- Supports AP Controller (APC) version 3.60
- 802.11ax Wi-Fi 6 AP and WPA3 support
- 802.11k/v/r support
- Wireless L2 isolation
- Supports auto AP FW update
- Scheduled WiFi service
- Dynamic Channel Selection (DCS)
- Client steering for 5 GHz priority and sticky client prevention
- Auto healing
- Customizable captive portal page
- WiFi Multimedia (WMM) wireless QoS
- CAPWAP discovery protocol
- Multiple SSID with VLAN
- Supports ZyMesh
- Support AP forward compatibility
- Rogue AP Detection

Mobile Broadband
- WAN connection failover via 3G and 4G* USB modems
- Auto fallback when primary WAN recovers

IPv6 Support
- Dual stack
- IPv4 tunneling (6rd and 6to4 transition tunnel)
- SLAAC, static IP address
- DNS, DHCPv6 server/client
- Static/Policy route
- IPSec (IKEv2 6in6, 4in6, 6in4)

Connection
- Routing mode, bridge mode and hybrid mode
- Ethernet and PPPoE
- NAT and PAT

- NAT Virtual Server Load Balancing
- VLAN tagging (802.1Q)
- Virtual interface (alias interface)
- Policy-based routing (user-aware)
- Policy-based NAT (SNAT)
- GRE
- Dynamic routing (RIPv1/v2 and OSPF, BGP)
- DHCP client/server/relay
- Dynamic DNS support
- WAN trunk for more than 2 ports
- Per host session limit
- Guaranteed bandwidth
- Maximum bandwidth
- Priority-bandwidth utilization
- Bandwidth limit per user
- Bandwidth limit per IP
- Bandwidth management by application
- Link Aggregation support*[1]

Management

Nebula Cloud Management
- Unlimited Registration & Central Management (Configuration, Monitoring, Dashboard, Location Map & Floor Plan Visual) of Nebula Devices
- Zero Touch Auto-Deployment of Hardware/Configuration from Cloud
- Over-the-air Firmware Management
- Central Device and Client Monitoring (Log and Stat Information) and Reporting

Authentication
- Local user database
- External user database: Microsoft Windows Active Directory, RADIUS, LDAP

- IEEE 802.1x authentication
- Captive portal Web authentication
- XAUTH, IKEv2 with EAP VPN authentication
- IP-MAC address binding
- SSO (Single Sign-On) support
- Supports 2-factor authentication with Google Authenticator as the second factor for administrator account

System Management
- Role-based administration
- Multi-lingual Web GUI (HTTPS and HTTP)
- Command line interface (console, web console, SSH and telnet)
- SNMP v1, v2c, v3
- System configuration rollback
- Configuration auto backup
- Firmware upgrade via FTP, FTP-TLS and Web GUI
- New firmware notify and auto upgrade
- Dual firmware images
- Cloud CNM SecuManager

Logging and Monitoring
- Comprehensive local logging
- Syslog (to up to 4 servers)
- Email alerts (to up to 2 servers)
- Real-time traffic monitoring
- Built-in daily report
- Cloud CNM SecuReporter

*: For specific models supporting the 3G and 4G dongles on the list, please refer to the Zyxel product page at 3G dongle document

*1: Supported models USG FLEX 500/700

ZyWALL UTM Firewalls

Model	USG40	USG40W	USG60	USG60W
Hardware Specifications				
Interfaces	3 x LAN/DMZ, 1 x WAN, 1 x OPT	3 x LAN/DMZ, 1 x WAN, 1 x OPT	4 x LAN/DMZ, 2 x WAN	4 x LAN/DMZ, 2 x WAN
USB ports	1	1	2	2
Console port	Yes (RJ-45)	Yes (RJ-45)	Yes (DB9)	Yes (DB9)
Rack-mountable	-	-	Yes	Yes
Fanless	Yes	Yes	Yes	Yes
System Capacity & Performance[*1]				
SPI firewall throughput (Mbps)[*2]	400	400	1000	1000
VPN throughput (Mbps)[*3]	100	100	180	180
IDP throughput (Mbps)[*4]	95	95	150	150
AV throughput (Mbps)[*4]	50	50	90	90
UTM throughput (AV and IDP)[*4]	50	50	90	90
Max. TCP concurrent sessions[*5]	50,000	50,000	100,000	100,000
Max. concurrent IPSec VPN tunnels[*6]	20	20	40	40
Concurrent SSL VPN users (default/max.)[*7]	5/15	5/15	5/20	5/20
VLAN interface	8	8	16	16
Concurrent devices logins (default/max.)[*7*8]	64	64	128	128
WLAN Management				
Managed AP number (default/max.)[*7]	2/18	2/18	2/18	2/18
Security Service				
Anti-virus (AV)[*7]	Yes	Yes	Yes	Yes
Intrusion detection and prevention (IDP) & Application Patrol[*7]	Yes	Yes	Yes	Yes
Anti-spam[*7]	Yes	Yes	Yes	Yes
Content filtering (CF 2.0)[*7*9]	Yes	Yes	Yes	Yes
Key Features				
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
SSL (HTTPS) inspection	-	-	-	-
EZ Mode	Yes	Yes	Yes	Yes
Hotspot Management[*7]	-	-	-	-
Ticket printer support[*10]/ Support Q'ty (max.)	-	-	-	-
Amazon VPC	Yes	Yes	Yes	Yes
Facebook WiFi	Yes	Yes	Yes	Yes
Device HA Pro	-	-	-	-
Link Aggregation (LAG)	-	-	-	-
2-Factor Authentication	Yes	Yes	Yes	Yes
Cloud CNM SecuReporter	Yes	Yes	Yes	Yes
Power Requirements				
Power input	12 V DC, 2.0 A max.	12 V DC, 2.0 A max.	12 V DC, 2.5 A max.	12 V DC, 2.5 A max.
Max. power consumption (watt)	14	17	19	28
Heat dissipation (BTU/hr)	47.77	58.01	64.83	95.54
Physical Specifications				
Item — Dimensions (WxDxH)(mm/in.)	216 x 143 x 33/ 8.50 x 5.63 x 1.30	216 x 143 x 33/ 8.50 x 5.63 x 1.30	242 x 175 x 36/ 9.53 x 6.89 x 1.42	272 x 187 x 36/ 10.7 x 7.36 x 1.42
Item — Weight (kg/lb.)	0.89/1.96	0.91/2	1.25/2.76	1.46/3.23
Packing — Dimensions (WxDxH)(mm/in.)	381 x 261 x 79/ 15.00 x 8.50 x 3.11	381 x 261 x 79/ 15.00 x 8.50 x 3.11	394 x 240 x 101/ 15.51 x 9.45 x 3.98	427 x 247x 73/ 16.81 x9.72 x 2.87
Packing — Weight (kg/lb.)	1.57/3.46	1.63/3.59	2.25/4.96	2.23 (W/O bracket) 2.42 (W/ bracket)
Included accessories	• Power adapter • DB9 - RJ-45 for console connection	• Power adapter • DB9 - RJ-45 cable for console connection • Antenna	• Power adapter • Rack mounting kit	• Power adapter • Rack mounting kit (optional, by regions) • Antenna
Environmental Specifications				
Operating environment — Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
Operating environment — Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage environment — Temperature	-30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F
Storage environment — Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	414329.4	386931.7	815463.9	497644
Certifications				
EMC	FCC Part 15 (Class B), CE EMC (Class B), C-Tick (Class B), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class B), CE EMC (Class B), C-Tick (Class B), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI
Safety	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

Note:
*: This matrix with firmware ZLD4.32 or later.
*1: Actual performance may vary depending on network conditions and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measured based on RFC 2544 (1,424-byte UDP packets).
*4: AV and IDP throughput measured using the industry standard HTTP performance test (1,460-byte HTTP packets). Testing done with multiple flows.
*5: Maximum sessions measured using the industry standard IXIA IxLoad testing tool.
*6: Including Gateway-to-Gateway and Client-to-Gateway.
*7: With Zyxel service license to enable or extend the feature capacity.
*8: This is the recommend maximum number of concurrent logged-in devices.
*9: SafeSearch function in CF2.0 need to enable SSL inspection firstly and not for small business models.
*10: With Hotspot Management license support.

ZyWALL UTM Firewalls

Model	USG110	USG210	USG310	USG1100	USG1900
Hardware Specifications					
Interfaces	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)
USB ports	2	2	2	2	2
Console port	Yes (DB9)	Yes (DB9)	Yes (DB9)	Yes (DB9)	Yes (DB9)
Rack-mountable	Yes	Yes	Yes	Yes	Yes
Fanless	-	-	-	-	-
System Capacity & Performance[*1]					
SPI firewall throughput (Mbps)[*2]	1600	1900	5000	6000	7000
VPN throughput (Mbps)[*3]	400	500	650	800	900
IDP throughput (Mbps)[*4]	590	660	900	1000	1200
AV throughput (Mbps)[*4]	450	500	550	650	710
UTM throughput (AV and IDP)[*4]	450	500	550	650	710
Max. TCP concurrent sessions[*5]	150,000	200,000	500,000	1,000,000	1,000,000
Max. concurrent IPSec VPN tunnels[*6]	100	200	300	1000	2000
Concurrent SSL VPN users (default/max.)[*7]	25/150	35/150	50/150	250/500	250/750
VLAN interface	16	32	64	128	128
Concurrent devices logins (default/max.)[*7*8]	200/300	200/300	500/800	800/1,500	1,500/2,000
WLAN Management					
Managed AP number (default/max.)[*7]	2/34	2/34	2/34	2/130	2/130
Security Service					
Anti-virus (AV)[*7]	Yes	Yes	Yes	Yes	Yes
Intrusion detection and prevention (IDP) & Application Patrol[*7]	Yes	Yes	Yes	Yes	Yes
Anti-spam[*7]	Yes	Yes	Yes	Yes	Yes
Content filtering (CF 2.0)[*7*9]	Yes	Yes	Yes	Yes	Yes
Key Features					
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
SSL (HTTPS) inspection	Yes	Yes	Yes	Yes	Yes
EZ Mode	-	-	-	-	-
Hotspot Management[*7]	Yes	Yes	Yes	Yes	Yes
Ticket printer support[*10]/ Support Q'ty (max.)	Yes (SP350E) /10	Yes (SP350E) /10	Yes (SP350E) /10	Yes (SP350E) /10	Yes (SP350E) /10
Amazon VPC	Yes	Yes	Yes	Yes	Yes
Facebook WiFi	Yes	Yes	Yes	Yes	Yes
Device HA Pro	Yes	Yes	Yes	Yes	Yes
Link Aggregation (LAG)	-	-	Yes	Yes	Yes
2-Factor Authentication	Yes	Yes	Yes	Yes	Yes
Cloud CNM SecuReporter	Yes	Yes	Yes	Yes	Yes
Power Requirements					
Power input	12 V DC, 3.33 A max.	12 V DC, 3.33 A max.	100 - 240 V AC, 50/60 Hz, 1.3 A max.	100 - 240 V AC, 50/60 Hz, 1.3 A max.	100 - 240 V AC, 50/60 Hz, 1.3 A max.
Max. power consumption (watt)	37	37	58.5	58.5	58.5
Heat dissipation (BTU/hr)	126.25	126.25	199.61	199.61	199.61
Physical Specifications					
Item — Dimensions (WxDxH)(mm/in.)	300 x 188 x 44/ 11.81 x 7.4 x 1.73	300 x 188 x 44/ 11.81 x 7.4 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73
Item — Weight (kg/lb.)	2/4.4	2/4.4	3.3/7.28	3.3/7.28	3.3/7.28
Packing — Dimensions (WxDxH)(mm/in.)	351 x 149 x 243/ 13.82 x 5.98 x 9.65	351 x 152 x 245/ 13.82 x 5.98 x 9.65	519 x 392 x 163/ 20.43 x 15.43 x 6.42	519 x 392 x 163/ 20.43 x 15.43 x 6.42	519 x 392 x 163/ 20.43 x 15.43 x 6.42
Packing — Weight (kg/lb.)	3.264/7.20	3.264/7.20	4.8/10.58	4.8/10.58	4.8/10.58
Included accessories	• Power adapter • Power cord • Rack mounting kit	• Power adapter • Power cord • Rack mounting kit	• Power cord • Rack mounting kit	• Power cord • Rack mounting kit	• Power cord • Rack mounting kit
Environmental Specifications					
Operating environment — Temperature	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F
Operating environment — Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage environment — Temperature	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F	-30°C to 70°C/ -22°F to 158°F
Storage environment — Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	787109.3	787109.3	560811.5	560811.5	560811.5
Certifications					
EMC	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI
Safety	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1),BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

Note:
*: This matrix with firmware ZLD4.32 or later.
*1: Actual performance may vary depending on network conditions and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measured based on RFC 2544 (1,424-byte UDP packets).
*4: AV and IDP throughput measured using the industry standard HTTP performance test (1,460-byte HTTP packets). Testing done with multiple flows.

*5: Maximum sessions measured using the industry standard IXIA IxLoad testing tool.
*6: Including Gateway-to-Gateway and Client-to-Gateway.
*7: With Zyxel service license to enable or extend the feature capacity.
*8: This is the recommend maximum number of concurrent logged-in devices.
*9: SafeSearch function in CF2.0 need to enable SSL inspection firstly and not for small business models.
*10: With Hotspot Management license support.

ZyWALL VPN Firewalls

Model	USG20-VPN	USG20W-VPN
Hardware Specifications		
Interfaces	4 x LAN/DMZ, 1 x WAN, 1 x SFP	4 x LAN/DMZ, 1 x WAN, 1 x SFP
USB3.0 ports	1	1
Console port	Yes (RJ-45)	Yes (RJ-45)
Rack-mountable	–	–
System Capacity & Performance[*1]		
SPI firewall throughput (Mbps)[*2]	350	350
VPN throughput (Mbps)[*3]	90	90
Max. TCP concurrent sessions[*4]	20,000	20,000
Max. concurrent IPSec VPN tunnels [*5]	10	10
Concurrent SSL VPN users (default/max.)[*6]	5/15	5/15
VLAN interface	8	8
Concurrent devices logins (default/max.)[*6*7]	64	64
WLAN Management		
Managed AP number (default/max.)[*6]	–	–
Security Service		
Anti-virus (AV)[*6]	–	–
Intrusion detection and prevention (IDP) & Application Patrol[*6]	–	–
Anti-spam[*6]	Yes	Yes
Content filtering (CF 2.0)[*6*8]	Yes	Yes
Key Features		
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
SSL (HTTPS) inspection	–	–
EZ Mode	Yes	Yes
Hotspot Management[*6]	–	–
Ticket printer support[*9]/ Support Q'ty (max.)	–	–
Amazon VPC	Yes	Yes
Facebook WiFi	Yes	Yes
Device HA Pro[*10]	–	–
Link Aggregation (LAG)	–	–
2-Factor Authentication	Yes	Yes
Cloud CNM SecuReporter	Yes	Yes
Power Requirements		
Power input	12 V DC, 2.0 A max.	12 V DC, 2.0 A max.
Max. power consumption (watt)	12	18
Heat dissipation (BTU/hr)	40.92	61.38
Physical Specifications		
Item	Dimensions (WxDxH)(mm/in.)	216 x 143 x 33/ 8.50 x 5.63 x 1.30	216 x 143 x 33/ 8.50 x 5.63 x 1.30
	Weight (kg/lb.)	0.88/1.94	0.94/2.06 (Antenna included)
Packing	Dimensions (WxDxH)(mm/in.)	276 x 185 x 98/ 10.87 x 7.28 x 3.86	276 x 185 x 98/ 10.87 x 7.28 x 3.86
	Weight (kg/lb.)	1.41/3.11	1.50/3.31
Included accessories	• Power adapter • RJ-45 - RS-232 cable for console connection	• Power adapter • RJ-45 - RS-232 cable for console connection • Antenna
Environmental Specifications		
Operating environment	Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage environment	Temperature	-30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	44000	44000
Certifications		
EMC	FCC Part 15 (Class B), IC, CE EMC (Class B), RCM, BSMI	FCC Part 15 (Class B), IC, CE EMC (Class B), RCM,BSMI
Safety	BSMI, UL	BSMI, UL

Note:
*: This matrix with firmware ZLD4.31 or later.
*1: Actual performance may vary depending on network conditions and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measured based on RFC 2544 (1,424-byte UDP packets).
*4: Maximum sessions measured using the industry standard IXIA IxLoad testing tool.
*5: Including Gateway-to-Gateway and Client-to-Gateway.
*6: With Zyxel service license to enable or extend the feature capacity.
*7: This is the recommend maximum number of concurrent logged-in devices.
*8: SafeSearch function in Content Filtering need to enable SSL inspection firstly and not for small business.
*9: With Hotspot Management license support.

Wireless Specifications

Model	VPN Firewall	Unified Security Gateway	
	USG20W-VPN	USG40W	USG60W
Standard compliance	802.11 a/b/g/n/ac	802.11 b/g/n	802.11 a/b/g/n
Wireless frequency	2.4/5 GHz	2.4 GHz	Concurrent 2.4 & 5 GHz
Radio	1	1	2
SSID number	8	8	16

Maximum transmit power (Max. total channel)	• US (FCC) 2.4 GHz:
	  25 dBm, 3 antennas
	• US (FCC) 5 GHz:
	  25 dBm, 3 antennas
	• EU (ETSI) 2.4 GHz:
	  20 dBm (EIRP), 3 antennas
	• EU (ETSI) 5 GHz:
	  20 dBm (EIRP), 3 antennas
		• US (FCC) 2.4 GHz:
		  24.3 dBm, 2 antennas
		• EU (ETSI) 2.4 GHz:
		  19.6 dBm (EIRP), 2 antennas
			• US (FCC) 2.4 GHz:
			  24.3 dBm, 2 antennas
			• US (FCC) 5 GHz:
			  25.8 dBm, 2 antennas
			• EU (ETSI) 2.4 GHz:
			  18.6 dBm (EIRP), 2 antennas
			• EU (ETSI) 5 GHz:
			  28.4 dBm (EIRP), 2 antennas

No. of antenna	3 detachable antennas	2.4 GHz: 2T2R MIMO (Detachable, SMA-R)	2.4 GHz: 2T2R MIMO 5 GHz: 2T2R MIMO (Detachable, SMA-R)
Antenna gain	2 dBi @2.4 GHz 3 dBi @5 GHz	3 dBi	3 dBi
Data rate	• 802.11n up to 450 Mbps • 820.11ac up to 1300 Mbps	• 802.11b/g: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48 and 54 Mbps • 802.11n: up to 300 Mbps in MCS15 (40 MHz; GI = 400 ns)	• 802.11b/g: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48 and 54 Mbps • 802.11a: 6, 9, 12, 18, 24, 36, 48 and 54 Mbps • 802.11n: up to 300 Mbps in MCS15 (40 MHz; GI = 400 ns)

Frequency band	2.4 GHz (IEEE 802.11 b/g/n)
	• USA (FCC): 2.412 to 2.462 GHz
	• Europe (ETSI): 2.412 to 2.472 GHz
	• TWN (NCC): 2.412 to 2.462 GHz
	
	5 GHz (IEEE 802.11 a/n/ac)
	• USA (FCC): 5.15 to 5.25 GHz;
	  5.250 to 5.350 GHz; 5.470 to 5.725 GHz;
	  5.7250 to 5.850 GHz
	• Europe (ETSI): 5.15 to 5.35 GHz;
	  5.470 to 5.725 GHz
	• TWN (NCC): 5.15 to 5.25 GHz;
	  5.250 to 5.350 GHz; 5.470 to 5.725 GHz;
	  5.7250 to 5.850 GHz
		2.4 GHz (IEEE 802.11 b/g/n)
		• USA (FCC): 2.412 to 2.462 GHz
		• Europe (ETSI): 2.412 to 2.472 GHz
		• TWN (NCC): 2.412 to 2.462 GHz
			2.4 GHz (IEEE 802.11 b/g/n)
			• USA (FCC): 2.412 to 2.462 GHz
			• Europe (ETSI): 2.412 to 2.472 GHz
			• TWN (NCC): 2.412 to 2.462 GHz
			
			5 GHz (IEEE 802.11 a/n)
			• USA: 5.150 to 5.250 GHz; 5.725 to 5.850 GHz
			• European (ETSI): 5.15 to 5.35 GHz;
			  5.470 to 5.725 GHz
			• Taiwan (TW): 5.25 to 5.35 GHz;
			  5.725 to 5.850 GHz

Receive sensitivity	2.4 GHz: • 11 Mbps ≤ -87 dBm • HT20, MCS15 ≤ -71 dBm • 54 Mbps ≤ -74 dBm • HT40, MCS15 ≤ -67 dBm 5 GHz: • 54 Mbps ≤ -74 dBm • HT40, MCS23 ≤ -68 dBm • VHT40, MCS9 ≤ -62 dBm • HT20, MCS23 ≤ -71 dBm • VHT20, MCS8 ≤ -66 dBm • VHT80, MCS9 ≤ -59 dBm	2.4 GHz: • 11 Mbps ≤ -87 dBm • 54 Mbps ≤ -74 dBm • HT20, MCS15 ≤ -71 dBm • HT40, MCS15 ≤ -68 dBm	2.4 GHz: • 11 Mbps ≤ -87 dBm • 54 Mbps ≤ -74 dBm • HT20 ≤ -71 dBm • HT40 ≤ -68 dBm 5 GHz: • 54 Mbps ≤ -75 dBm • HT20, MCS15 ≤ -71 dBm • HT40, MCS15 ≤ -69 dBm

Advanced ZyWALL VPN Firewalls

Model	VPN2S	VPN50	VPN100	VPN300
Hardware Specifications				
VPN Firewall interfaces	3 x LAN, 1 x OPT, 1 x WAN	4 x LAN/DMZ, 1 x WAN, 1 x SFP	4 x LAN/DMZ, 2 x WAN, 1 x SFP	7 x GbE (Configurable), 1 x SFP
Nebula SD-WAN interfaces	–	4 x LAN/DMZ (1 Configurable), 1 x WAN, 1 x SFP	4 x LAN/DMZ (1 Configurable), 2 x WAN, 1 x SFP	7 x GbE (Configurable), 1 x SFP
USB3.0 ports	2 x USB 2.0	1	2	2
Console port	–	Yes (RJ-45)	Yes (DB9)	Yes (DB9)
Rack-mountable	–	–	Yes	Yes
System Capacity & Performance*[1]				
SPI firewall throughput (Mbps)*[2]	1,500	800	2,000	2,600
VPN throughput (Mbps)*[3]	35	150	500	1,000
Max. TCP concurrent sessions*[4]	50,000	400,000	800,000	2,000,000
Max. concurrent IPSec VPN tunnels *[5]	20	50	100	300
Concurrent SSL VPN users (default/max.)*[6]	–	10/50	30/200	50/300
VLAN interface	16	8	16	64
Concurrent devices logins (default/max.)*[6]*[7]	–	64	200/300	500/800
WLAN Management				
Managed AP number (default/max.)*[6]	–	4/36	4/68	4/132
Security Service				
Content filtering*[6]*[8]	1 Year Free	1 Year Free	1 Year Free	1 Year Free
Geo Enforcer*[6]	–	1 Year Free	1 Year Free	1 Year Free
Key Features				
DPI Firewall	Yes	Yes	Yes	Yes
VPN	IKEv2, IPSec, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
SSL (HTTPS) inspection	–	–	Yes	Yes
EZ Mode	–	Yes	–	–
Hotspot Management*[6]	–	Yes*[12]	Yes*[12]	Yes*[12]
Ticket printer support*[9]/ Support Q'ty (max.)	–	–	Yes (SP350E) /10	Yes (SP350E) /10
Amazon VPC	–	Yes	Yes	Yes
Facebook WiFi	–	Yes	Yes	Yes
Device HA Pro*[10]	–	–	Yes	Yes
2-Factor Authentication	–	Yes	Yes	Yes
SD-WAN Feature*[11]				
Dynamic Path Selection	–	Yes	Yes	Yes
WAN Optimization	–	Yes	Yes	Yes
Zero Touch Provision (ZTP)	–	Yes	Yes	Yes
Auto VPN — Site-to-Site	–	Yes	Yes	Yes
Auto VPN — Client-to-Site	–	Yes	Yes	Yes
App Patrol	–	Yes	Yes	Yes
Content Filter	–	Yes	Yes	Yes
Geo Enforcer (GeoIP)	–	Yes	Yes	Yes
Management	–	Yes	Yes	Yes
Monitor/Log Storage	–	Yes	Yes	Yes
Power Requirements				
Power input	110 to 240 V AC, 50/60 Hz, 1.5 A max.	12 V DC, 2.0 A max.	12 V DC, 2.5 A max.	12 V DC, 4.17 A max.
Max. power consumption (watt)	13.1	12	13.3	24.1
Heat dissipation (BTU/hr)	44.7	40.92	45.38	82.23
Physical Specifications				
Item — Dimensions (WxDxH)(mm/in.)	210 x 115 x 33/ 8.27 x 6.06 x 1.57	216 x 143 x 33/ 8.50 x 5.63 x 1.30	272 x 187 x 36/ 10.7 x 7.36 x 1.42	300 x188 x 44/ 16.93 x 7.4 x 1.73
Item — Weight (kg/lb.)	0.495/1.09	0.88/1.94	1.4/3.09	1.65/3.64
Packing — Dimensions (WxDxH)(mm/in.)	288 x 189 x 83/ 11.34 x 7.44 x 3.27	276 x 185 x 98/ 10.87 x 7.28 x 3.86	427 x 247x 73/ 16.81 x9.72 x 2.87	351 x 152 x 245/ 13.82 x 5.98 x 9.65
Packing — Weight (kg/lb.)	1.13/2.49	1.41/3.11	2.23 (W/O bracket) / 2.42 (W/ bracket)	2.83/6.24
Included accessories	Power adapter	• Power adapter • RJ-45 - RS-232 cable for console connection	• Power adapter • Rack mounting kit (optional, by regions)	• Power adapter • Power cord • Rack mounting kit
Environmental Specifications				
Operating environment — Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
Operating environment — Humidity	20% to 95% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage environment — Temperature	-30°C to 60°C/-22°F to 140°F	–30°C to 70°C/-22°F to 158°F	–30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F
Storage environment — Humidity	20% to 95% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	44,000	44,000	529688.2	529688.2
Certifications				
EMC	FCC Part 15B (Class B), FCC Part 68, CE EMC (Class B)	FCC Part 15 (Class B), IC, CE EMC (Class B), RCMc BSMI	FCC Part 15 (Class B), CE EMC (Class B), C-Tick (Class B), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI
Safety	CE LVD	BSMI, UL	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

Note:
*: The matrix with firmware ZLD 4.31 and OPAL BE 1.12 or later
*1: Actual performance may vary depending on network conditions and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measured based on RFC 2544 (1,424-byte UDP packets).
*4: Maximum sessions measured using the industry standard IXIA IxLoad testing tool
*5: Including Gateway-to-Gateway and Client-to-Gateway.
*6: With Zyxel service license to enable or extend the feature capacity.

*7: This is the recommend maximum number of concurrent logged-in devices.
*8: SafeSearch function in Content Filtering need to enable SSL inspection firstly and not for small business.
*9: With Hotspot Management license support.
*10: ZyWALL VPN100 or above supports Device HA Pro once registered.
*11: After device upgrading firmware to SD-OS v10.01 and was transformed to SD-WAN mode.
*12: After upgrading firmware to SD-OS v10.02 or after.

ZyWALL VPN Firewalls

Model	ZyWALL 110	ZyWALL 310	ZyWALL 1100
Hardware Specifications			
Interfaces	4 x LAN/DMZ, 2 x WAN, 1 x OPT	8 (Configurable)	8 (Configurable)
USB3.0 ports	2	2	2
Console port	Yes (DB9)	Yes (DB9)	Yes (DB9)
Rack-mountable	Yes	Yes	Yes
System Capacity & Performance[*1]			
SPI firewall throughput (Mbps)[*2]	1600	5000	6000
VPN throughput (Mbps)[*3]	400	650	800
Max. TCP concurrent sessions[*4]	150,000	500,000	1,000,000
Max. concurrent IPSec VPN tunnels [*5]	100	300	1000
Concurrent SSL VPN users (default/max.)[*6]	25/150	50/150	250/500
VLAN interface	16	64	128
Concurrent devices logins (default/max.)[*6*7]	200/300	500/800	800/1,500
WLAN Management			
Managed AP number (default/max.)[*6]	2/34	2/34	2/130
Security Service			
Anti-virus (AV)[*6]	Yes	Yes	Yes
Intrusion detection and prevention (IDP) & Application Patrol[*6]	Yes	Yes	Yes
Anti-spam[*6]	Yes	Yes	Yes
Content filtering (CF 2.0)[*6*8]	Yes	Yes	Yes
Key Features			
VPN	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec	IKEv2, IPSec, SSL, L2TP/IPSec
SSL (HTTPS) inspection	Yes	Yes	Yes
EZ Mode	-	-	-
Hotspot Management[*6]	Yes	Yes	Yes
Ticket printer support[*9]/ Support Q'ty (max.)	Yes (SP350E) /10	Yes (SP350E) /10	Yes (SP350E) /10
Amazon VPC	Yes	Yes	Yes
Facebook WiFi	Yes	Yes	Yes
Device HA Pro	Yes	Yes	Yes
Link Aggregation (LAG)	-	Yes	Yes
2-Factor Authentication	Yes	Yes	Yes
Cloud CNM SecuReporter	Yes	Yes	Yes
Power Requirements			
Power input	12 V DC, 3.33 A max.	110-240 V AC, 50/60 Hz, 1.3 A max.	110-240 V AC, 50/60 Hz, 1.3 A max.
Max. power consumption (watt)	37	58.5	58.5
Heat dissipation (BTU/hr)	126.25	199.61	199.61
Physical Specifications			
Item	Dimensions (WxDxH)(mm/in.)	300 x 188 x 44/ 11.81 x 7.4 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73	430 x 250 x 44/ 16.93 x 9.84 x 1.73
	Weight (kg/lb.)	2/4.41	3.3/7.28	3.3/7.28
Packing	Dimensions (WxDxH)(mm/in.)	351 x 152 x 245/ 13.82 x 5.98 x 9.65	519 x 392 x 163/ 20.43 x 15.43 x 6.42	519 x 392 x 163/ 20.43 x 15.43 x 6.42
	Weight (kg/lb.)	2.83/6.24	4.74/10.45	4.74/10.45
Included accessories		• Power adapter • Power cord • Rack mounting	• Power adapter • Rack mounting kit	• Power cord • Rack mounting kit
Environmental Specifications			
Operating environment	Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage environment	Temperature	-30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F	-30°C to 70°C/-22°F to 158°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)		787109.3	560811.5	560811.5
Certifications			
EMC		FCC Part 15 (Class A), CE EMC (Class A),C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI	FCC Part 15 (Class A), CE EMC (Class A), C-Tick (Class A), BSMI
Safety		LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

Note:
*: This matrix with firmware ZLD4.32 or later.
*1: Actual performance may vary depending on network conditions and activated applications.
*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).
*3: VPN throughput measured based on RFC 2544 (1,424-byte UDP packets).
*4: Maximum sessions measured using the industry standard IXIA IxLoad testing tool.
*5: Including Gateway-to-Gateway and Client-to-Gateway.
*6: With Zyxel service license to enable or extend the feature capacity.
*7: This is the recommend maximum number of concurrent logged-in devices.
*8: SafeSearch function in Content Filtering need to enable SSL inspection firstly and not for small business.
*9: With Hotspot Management license support.

Accessories List

Supported Model List

Model	Access Point	Service Gateway Printer	Transceivers	Direct Attach Cables
	Managed AP Service Required	Hotspot Management License Required	Optional	Optional
ATP200	Yes	-	Yes	-
ATP500	Yes	-	Yes	-
ATP800	Yes	-	Yes	-
VPN50	Yes	Yes*	Yes	-
VPN100	Yes	Yes*	Yes	-
VPN300	Yes	Yes*	Yes	-
USG20 (W)-VPN	-	-	Yes	-
USG40 (W)	Yes	-	-	-
USG60 (W)	Yes	-	-	-
USG110	Yes	Yes	-	-
USG210	Yes	Yes	-	-
USG310	Yes	Yes	-	-
USG1100	Yes	Yes	-	-
USG1900	Yes	Yes	-	-
USG2200	Yes	Yes	Yes	Yes
ZyWALL110	Yes	Yes	-	-
ZyWALL310	Yes	Yes	-	-
ZyWALL1100	Yes	Yes	-	-

* After upgrading firmware to SD-OS v10.02 or later

License for VPN Client Service

SecuExtender Software

Item	Description	Supported OS
IPSec VPN Client*	IPSec VPN client software for the ZyWALL and USG Series with Easy VPN for zero configuration remote access	Windows XP (32-bit) Windows Server 2003 (32-bit) Windows Server 2008 (32/64-bit) Windows Vista (32/64-bit) Windows 7 (32/64-bit) Windows 8 (32/64-bit) Windows 10 (32/64-bit)
SSL VPN Client*	Secured VPN connection between PC/ MAC and ZyWALL Firewall	Windows XP Windows 7 (32/64-bit) Windows 8/8.1 (32/64-bit) Windows 10 (32/64-bit) MAC OS 10.7 - 10.13

*: A 30-day trial version of IPSec VPN client and SSL VPN client for MAC OS can be downloaded from official Zyxel website.
To continue using the application, please contact your regional sales representatives and purchase a commercial license for the application.