



Security Feature Matrix

Model	Remote Offices/Small Businesses (SBS)		
	ZyWALL USG 50	ZyWALL USG 20W	ZyWALL USG 20
System Capacity & Performance			
SPI Firewall Throughput	225 Mbps	175 Mbps	175 Mbps
VPN Throughput (AES)	90 Mbps	75 Mbps	75 Mbps
UTM Throughput (AV+IDP)	30 Mbps	-	-
Unlimited User Licenses	Yes	Yes	Yes
Maximum Sessions	10,000	10,000	10,000
Max. Concurrent IPSec VPN Tunnels	10	5	5
Max. Concurrent SSL VPN Users	5	1	1
Physical Port	4 x LAN/DMZ, 2 x WAN (all GbE)	4 x LAN/DMZ, 1 x WAN (all GbE)	4 x LAN/DMZ, 1 x WAN (all GbE)
Customisable Zone	Yes	Yes	Yes
IPv6 Support	Yes	Yes	Yes
Wireless	-	Yes	-
Networking			
Routing/NAT/SUA Mode	Yes	Yes	Yes
Bridge Mode	Yes	Yes	Yes
Mix Mode (Routing+Bridge)	Yes	Yes	Yes
VLAN Tagging (802.1q)	Yes	Yes	Yes
3G Support (Optional)	Yes	Yes	Yes
Security			
Firewall	Yes	Yes	Yes
IPSec VPN	Yes	Yes	Yes
SSL VPN	Yes	Yes	Yes
L2TP VPN	Yes	Yes	Yes
Content Filtering	Yes	Yes	Yes
Anti-SPAM	Yes	Yes	Yes
Anti-Virus	Yes	-	-
IDP/ADP	Yes/Yes	-/Yes	-/Yes
IM/P2P Management	Yes	-	-
Bandwidth Management	Yes	Yes	Yes
User-aware Management	Yes	Yes	Yes
High Availability			
VPN HA	Yes	Yes	Yes
Multiple WANs for Load Balancing	Yes	Yes (WAN + 3G)	Yes (WAN + 3G)
Authentication Method			
Local Database	Yes	Yes	Yes
Radius	Yes	Yes	Yes
LDAP	Yes	Yes	Yes
Microsoft AD	Yes	Yes	Yes
Management			
WebGUI (HTTP and HTTPS)	Yes	Yes	Yes
Command Line	Yes	Yes	Yes
Centralized Management	Yes	Yes	Yes
Centralized Report	Yes	Yes	Yes
Physical Specifications			
Dimensions (WxDxH)(mm/in.)	242 x 167 x 35.5/9.53 x 6.57 x 1.40	216 x 140 x 33/8.50 x 5.51 x 1.30	216 x 140 x 33/8.50 x 5.51 x 1.30
Weight (kg/lb.)	1.2/2.65	0.42/0.93	0.38/0.84

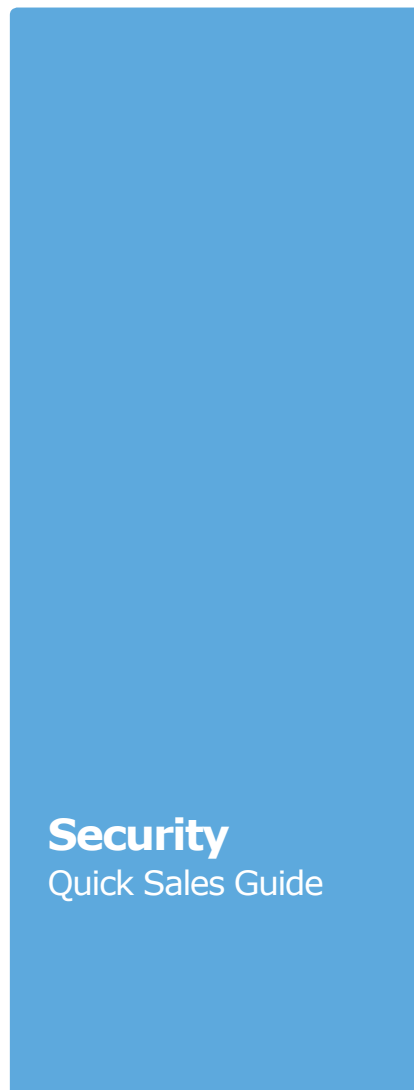
Measurement Methodologies	
Firewall Throughput	Testing Methodologies: Maximum performance based on RFC 2544 (UDP packets, 1518 bytes). Actual performance may vary depending on network conditions and activated services.
VPN Throughput (AES)	VPN (AES) throughput measured using UDP traffic with 1424 bytes packet size, based on RFC 2544.
UTM Throughput (AV+IDP)	UTM/AV/IDP throughput measured using industry standard Ixia IxLoad test tool against HTTP protocol with 1460 bytes packet size. Testing done with multiple flows.



Security Licenses

Model Name	Duration	ZyXEL Anti-Virus	Kaspersky Anti-Virus	IDP	Blue Coat Content Filter	CommTouch Content Filter	CommTouch Anti-Spam
USG 2000	1 year	Yes	Yes	Yes	Yes	Yes	Yes
	2 years	Yes	Yes	Yes	Yes	Yes	Yes
USG 1000	1 year	Yes	Yes	Yes	Yes	Yes	Yes
	2 years	Yes	Yes	Yes	Yes	Yes	Yes
USG 300	1 year	Yes	Yes	Yes	Yes	Yes	Yes
	2 years	Yes	Yes	Yes	Yes	Yes	Yes
USG 200	1 year	Yes	Yes	Yes	Yes	Yes	Yes
	2 years	Yes	Yes	Yes	Yes	Yes	Yes
USG 100	1 year	Yes	Yes	Yes	Yes	Yes	Yes
	2 years	Yes	Yes	Yes	Yes	Yes	Yes
USG 50	1 year	Yes	Yes	Yes	Yes	Yes	Yes
	2 years	Yes	Yes	Yes	Yes	Yes	Yes
USG 20	1 year	-	-	-	Yes	Yes	Yes
	2 years	-	-	-	Yes	Yes	Yes
USG 20W	1 year	-	-	-	Yes	Yes	Yes
	2 years	-	-	-	Yes	Yes	Yes

Model Name	SSL VPN	IPSec VPN Client	Vantage CNM	Vantage Report
USG 2000	5 to 50 SSL Tunnels	For Client PC's	All ZyWALL Models	All ZyWALL Models
	5 to 250 SSL Tunnels	Software client 1 license	support,	support,
	5 to 750 SSL Tunnels	Software client 5 licenses	10 nodes	1 device
	50 to 250 SSL Tunnels	Software client 10 licenses	25 nodes	5 devices
	50 to 750 SSL Tunnels	Software client 50 licenses	100 nodes	25 devices
USG 1000	5 to 25 SSL Tunnels	Software client 50 licenses	300 nodes	100 devices
	5 to 50 SSL Tunnels		1000 nodes	
	5 to 250 SSL Tunnels			
	25 to 250 SSL Tunnels			
USG 300	50 to 250 SSL Tunnels			
	2 to 10 SSL Tunnels			
	2 to 25 SSL Tunnels			
USG 200	10 to 25 SSL Tunnels			
	2 to 5 SSL Tunnels			
USG 100	2 to 25 SSL Tunnels			
	5 to 25 SSL Tunnels			
	2 to 5 SSL Tunnels			
USG 50	2 to 5 SSL Tunnels			
USG 20	-			
USG 20W	-			



Security
Quick Sales Guide

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

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Security Quick Finder

Product/Segment	Model
Unified Security Gateway	ZyWALL USG 2000 
	ZyWALL USG 1000 
	ZyWALL USG 300 
	ZyWALL USG 200 
	ZyWALL USG 100 
	ZyWALL USG 50 
	ZyWALL USG 20/20W 
Security Accessory	ZyWALL OTPv2/OTP-MOBI 
	Vantage Report 
	Vantage CNM 
	ZyWALL IPSec VPN Client 

Key Features

Model Name	Customers' Need	Key Features
ZyWALL USG 2000	<ul style="list-style-type: none"> Gigabit firewall throughput Increase network efficiency and productivity Provide Hybrid VPN (IPSec + SSL) capacity Maintain continuous business operations with around-the-clock protection 	<ul style="list-style-type: none"> Unified Security Gateway for enterprises ZyXEL or Kaspersky Labs-powered Anti-Virus for protection against viruses and spyware Scalable VPN/UTM performance with the added Security Extension Module Application Patrol controls IM and P2P application usage and will even control which individual within an organisation can use this application High Availability features with redundant power modules guaranteeing non-stop operations
ZyWALL USG 1000	<ul style="list-style-type: none"> High-performance, all-in-one Firewall Increase network efficiency and productivity Provide Hybrid VPN (IPSec + SSL) capacity Maintain continuous business operations with around-the-clock protection 	<ul style="list-style-type: none"> Unified Security Gateway to provide Hybrid VPN (IPSec/SSL VPN) and robust UTM security services High-performance multi-layer threat protection, powered by the cutting-edge SecuASIC hardware accelerator Application Patrol to manage the use of IM/P2P applications without hassle High Availability features guarantee non-stop operations of mission-critical applications Excellent manageability with object and text-based configuration files as well as centralised network management
ZyWALL USG 300	<ul style="list-style-type: none"> High-performance, all-in-one Firewall Increase network efficiency and productivity Provide Hybrid VPN (IPSec + SSL) capacity Achieve continuous business operations with around-the-clock protection 	<ul style="list-style-type: none"> Unified Security Gateway to provide Hybrid VPN (IPSec/SSL VPN) and robust UTM security services High-performance multi-layer threat protection powered by cutting-edge SecuASIC hardware accelerator Application Patrol controls IM and P2P application usage, even who can use which features within an application User-aware policy engine enables access granularity Excellent manageability with object and text-based configuration files as well as centralised network management
ZyWALL USG 200	<ul style="list-style-type: none"> Unified Security Gateway (Stateful Packet Inspection (SPI) firewall, Anti-Virus, IDP/ADP, IM/P2P and content filtering) to protect small business networks Provide Hybrid VPN (IPSec + SSL) capacity Multi-ISP Links 3G/Wireless support for mobility 	<ul style="list-style-type: none"> High-performance multi-layer threat protection powered by cutting-edge SecuASIC hardware accelerator Hybrid VPN (IPSec, SSL and L2TP) secures connections to branch offices, partners and headquarters ZyXEL or Kaspersky Labs-powered Anti-Virus for protection against viruses and spyware Application Patrol controls IM and P2P application usage, even who can use which features within an application Flexible OPT (optional) port that can be used as another WAN, LAN1, LAN2 or DMZ port
ZyWALL USG 100	<ul style="list-style-type: none"> Unified Security Gateway (Stateful Packet Inspection (SPI) firewall, Anti-Virus, IDP/ADP, IM/P2P and content filtering) to protect small business networks Provide Hybrid VPN (IPSec + SSL) capacity Multi-ISP Links 3G/Wireless support for mobility 	<ul style="list-style-type: none"> High-performance multi-layer threat protection powered by cutting-edge SecuASIC hardware accelerator Hybrid VPN (IPSec, SSL and L2TP) secures connections to branch offices, partners and headquarters ZyXEL or Kaspersky Labs-powered Anti-Virus for protection against viruses and spyware Application Patrol controls IM and P2P application usage, even who can use which features within an application Extension card slot and USB ports for multiple 3G wireless WAN connections
ZyWALL USG 50	<ul style="list-style-type: none"> Need an ICSA-certified and cost-effective network protection solution for telecommuters/home networks Increase efficiency, business productivity Securely access remote offices 	<ul style="list-style-type: none"> ICSA-certified IPSec VPN and SPI firewall Content filter stops malware and Web threats High performance secure connection to remote offices (IPSec/SSL/2TP VPN) Non-stop Internet access with multiple WAN and 3G backups
ZyWALL USG 20/20W	<ul style="list-style-type: none"> Need high-performance Firewall Increase network efficiency, business productivity Securely access remote offices 	<ul style="list-style-type: none"> Efficient usage of company bandwidth (Bandwidth Management, Load Balancing) Increase business productivity (Content Filtering) High performance secure connection to remote offices (IPSec/SSL/2TP VPN) 802.11b/g/n wireless access point (USG 20W only)
ZyWALL OTPv2/OTP-MOBI	Two-Factor Authentication One Time Password Token	<ul style="list-style-type: none"> Deploys easily and quickly Intuitive and easy to install, use and manage Seamless integration with ZyWALL Security Products Highly secure and straightforward implementation using SafeWord 2008 Smartphone Apps as the One-Time Password software generator(OTP-MOBI)
Vantage Report	Network Reporting Analyzer	<ul style="list-style-type: none"> Comprehensive set of graphical reports Web-based user interface (browser based application) Intuitive design and easy to use Multi-ZyWALL support Automated report scheduling
Vantage CNM	Centralised Network Management	<ul style="list-style-type: none"> Central management One-click VPN creation and graphical VPN management Mass firewall ACL policy deployment and management Bulk firmware upgrade and management Intuitive device and account monitoring
ZyWALL IPSec VPN Client	Remote Security Client	<ul style="list-style-type: none"> Windows 7 support IPSec VPN Tunneling with DES/3DES/AES encryption User authentication with X-Auth, PEM or PKCS#12 Certificates, pre-shared keys DPD and redundant gateway

Products shown here are subject to be available depending on regions.

Security Feature Matrix



Model	Small- and Medium-sized Businesses (SMBs)			Remote Offices/Small Businesses (SBs)	
	ZyWALL USG 2000	ZyWALL USG 1000	ZyWALL USG 300	ZyWALL USG 200	ZyWALL USG 100
System Capacity & Performance					
SPI Firewall Throughput	2,000 Mbps	400 Mbps	350 Mbps	250 Mbps	225 Mbps
VPN Throughput (AES)	600 Mbps*	180 Mbps	130 Mbps	90 Mbps	90 Mbps
UTM Throughput (AV+IDP)	400 Mbps*	100 Mbps	80 Mbps	40 Mbps	30 Mbps
Unlimited User Licenses	Yes	Yes	Yes	Yes	Yes
Maximum Sessions	1,000,000	500,000	60,000	40,000	20,000
Max. Concurrent IPSec VPN Tunnels	2,000	1,000	200	100	50
Max. Concurrent SSL VPN Users	750	250	25	25	25
Physical Port	6 x 10/100/1000 GbE 2 x Dual Personality GbE (SFP/RJ45)	5 x 10/100/1000 GbE	7 x 10/100/1000 GbE	4 x LAN/DMZ, 2 x WAN, 1 x OPT (All GbE)	5 x LAN/DMZ, 2 x WAN (All GbE)
Customisable Zone	Yes	Yes	Yes	Yes	Yes
IPv6 Support	Yes	Yes	Yes	Yes	Yes
Networking					
Routing/NAT/SUA Mode	Yes	Yes	Yes	Yes	Yes
Bridge Mode	Yes	Yes	Yes	Yes	Yes
Mix Mode (Routing+Bridge)	Yes	Yes	Yes	Yes	Yes
VLAN Tagging (802.1q)	Yes	Yes	Yes	Yes	Yes
3G Support (Optional)	Yes	Yes	Yes	Yes	Yes
Security					
Firewall	Yes	Yes	Yes	Yes	Yes
IPSec VPN	Yes	Yes	Yes	Yes	Yes
SSL VPN	Yes	Yes	Yes	Yes	Yes
L2TP VPN	Yes	Yes	Yes	Yes	Yes
Content Filtering	Yes	Yes	Yes	Yes	Yes
Anti-SPAM	Yes	Yes	Yes	Yes	Yes
Anti-Virus	Yes	Yes	Yes	Yes	Yes
IDP/ADP	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
IM/P2P Management	Yes	Yes	Yes	Yes	Yes
Bandwidth Management	Yes	Yes	Yes	Yes	Yes
User-aware Management	Yes	Yes	Yes	Yes	Yes
High Availability					
Device HA	A/P	A/P	A/P	A/P	A/P
VPN HA	Yes	Yes	Yes	Yes	Yes
Multiple WANs for Load Balancing	Yes	Yes	Yes	Yes	Yes
Auto Failover, Failback	Yes	Yes	Yes	Yes	Yes
Out-of-band Management	Yes	Yes	Yes	Yes	Yes
Redundant Power Module	Yes	-	-	-	-
Authentication Method					
Local Database	Yes	Yes	Yes	Yes	Yes
Radius	Yes	Yes	Yes	Yes	Yes
LDAP	Yes	Yes	Yes	Yes	Yes
Microsoft AD	Yes	Yes	Yes	Yes	Yes
Management					
WebGUI (HTTP and HTTPS)	Yes	Yes	Yes	Yes	Yes
Command Line	Yes	Yes	Yes	Yes	Yes
Centralized Management	Yes	Yes	Yes	Yes	Yes
Centralized Report	Yes	Yes	Yes	Yes	Yes
Physical Specifications					
Dimensions (WxDxH)(mm/in.)	430 x 487 x 89/ 16.93 x 19.17 x 3.50	431 x 292 x 43.5/ 16.97 x 11.50 x 1.71	430 x 201 x 42/ 16.93 x 7.91 x 1.65	242 x 175 x 35.5/ 9.53 x 6.89 x 1.40	242 x 175 x 35.5/ 9.53 x 6.89 x 1.40
Weight (kg/lb.)	10.5/23.15	4.7/10.36	2.8/6.17	1.2/2.65	1.2/2.65

*With SEM-DUAL/SEM-VPN module