



**ZyXEL Security**  
Quick Sales Guide

2010



Model Name	Customers' Need	Key Features
<b>ZyWALL USG 2000</b>	<ul style="list-style-type: none"> <li>Gigabit firewall throughput</li> <li>Increase network efficiency and productivity</li> <li>Provide Hybrid VPN (IPSec + SSL) capacity</li> <li>Maintain continuous business operations with around-the-clock protection</li> </ul>	<ul style="list-style-type: none"> <li>Unified Security Gateway for enterprises</li> <li>ZyXEL or Kaspersky Labs-powered Anti-Virus for protection against viruses and spyware</li> <li>Scalable VPN/UTM performance with the added Security Extension Module</li> <li>Application Patrol controls IM and P2P application usage and will even control which individual within an organisation can use this application</li> <li>High Availability features with redundant power modules guaranteeing non-stop operations</li> </ul>
<b>ZyWALL USG 1000</b>	<ul style="list-style-type: none"> <li>High-performance, all-in-one Firewall</li> <li>Increase network efficiency and productivity</li> <li>Provide Hybrid VPN (IPSec + SSL) capacity</li> <li>Maintain continuous business operations with around-the-clock protection</li> </ul>	<ul style="list-style-type: none"> <li>Unified Security Gateway to provide Hybrid VPN (IPSec/SSL VPN) and robust UTM security services</li> <li>High-performance multi-layer threat protection, powered by the cutting-edge SecuASIC hardware accelerator</li> <li>Application Patrol to manage the use of IM/P2P applications without hassle</li> <li>High Availability features guarantee non-stop operations of mission-critical applications</li> <li>Excellent manageability with object and text-based configuration files as well as centralised network management</li> </ul>
<b>ZyWALL USG 300</b>	<ul style="list-style-type: none"> <li>High-performance, all-in-one Firewall</li> <li>Increase network efficiency and productivity</li> <li>Provide Hybrid VPN (IPSec + SSL) capacity</li> <li>Achieve continuous business operation with around-the-clock protection</li> </ul>	<ul style="list-style-type: none"> <li>Unified Security Gateway to provide Hybrid VPN (IPSec/SSL VPN) and robust UTM security services</li> <li>High-performance multi-layer threat protection powered by cutting-edge SecuASIC hardware accelerator</li> <li>Application Patrol controls IM and P2P application usage, even who can use which features within an application</li> <li>User-aware policy engine enables access granularity</li> <li>Excellent manageability with object and text-based configuration files as well as centralised network management</li> </ul>
<b>ZyWALL USG 200</b>	<ul style="list-style-type: none"> <li>Unified Security Gateway (Stateful Packet Inspection (SPI) firewall, Anti-Virus, IDP/ADP, IM/P2P and content filtering) to protect small business networks</li> <li>Provide Hybrid VPN (IPSec + SSL) capacity</li> <li>Multi-ISP Links</li> <li>3G/Wireless support for mobility</li> </ul>	<ul style="list-style-type: none"> <li>High-performance multi-layer threat protection powered by cutting-edge SecuASIC hardware accelerator</li> <li>Hybrid VPN (IPSec, SSL and L2TP) secures connections to branch offices, partners and headquarters</li> <li>ZyXEL or Kaspersky Labs-powered anti-virus for protection against viruses and spyware</li> <li>Application Patrol controls IM and P2P application usage, even who can use which features within an application</li> <li>Flexible OPT (option) port that can be used as another WAN, LAN1, LAN2 or DMZ port</li> </ul>
<b>ZyWALL USG 100</b>	<ul style="list-style-type: none"> <li>Unified Security Gateway (Stateful Packet Inspection (SPI) firewall, Anti-Virus, IDP/ADP, IM/P2P and content filtering) to protect small business networks</li> <li>Provide Hybrid VPN (IPSec + SSL) capacity</li> <li>Multi-ISP Links</li> <li>3G/Wireless support for mobility</li> </ul>	<ul style="list-style-type: none"> <li>High-performance multi-layer threat protection powered by cutting-edge SecuASIC hardware accelerator</li> <li>Hybrid VPN (IPSec, SSL and L2TP) secures connections to branch offices, partners and headquarters</li> <li>ZyXEL or Kaspersky Labs-powered anti-virus for protection against viruses and spyware</li> <li>Application Patrol controls IM and P2P application usage, even who can use which features within an application</li> <li>Extension card slot and USB ports for multiple 3G wireless WAN connections</li> </ul>
<b>ZyWALL USG 50</b>	<ul style="list-style-type: none"> <li>Need an ICSA-certified and cost-effective network protection solution for telecommuters/home networks</li> <li>Increase efficiency, business productivity</li> <li>Securely access remote offices</li> </ul>	<ul style="list-style-type: none"> <li>ICSA-certified IPSec VPN (5 VPN tunnels) and SPI firewall (100 Mbps)</li> <li>Customisable Web Content Filtering</li> <li>DoS/DDoS intrusion prevention</li> <li>ZyXEL Centralised Network Management (CNM) support</li> </ul>
<b>ZyWALL USG 20</b>	<ul style="list-style-type: none"> <li>Need high-performance Firewall</li> <li>Increase network efficiency, business productivity</li> <li>Securely access remote offices</li> </ul>	<ul style="list-style-type: none"> <li>Increase network efficiency (Bandwidth Management, Load Balancing)</li> <li>Increase business productivity (Content Filtering)</li> <li>High performance secure connection to remote offices (IPSec VPN)</li> </ul>
<b>ZyWALL USG 20W</b>	<ul style="list-style-type: none"> <li>To provide cost-effective versatile access security appliance for SOHO/SB networks</li> <li>To deliver Wi-Fi access on a LAN</li> <li>Provide 3G connections as a WAN alternative</li> </ul>	<ul style="list-style-type: none"> <li>Internet access through 3G networks (HSDPA, UMTS, GPRS, EDGE)</li> <li>Dual-band, tri-mode access point (802.11 b/g/n)</li> <li>Advanced ICSA certified ZyNOS SPI Firewall (100 Mbps) and IPSec VPN (2 VPN tunnels) protection</li> <li>Configurable 4-port LAN/DMZ/WLAN zones</li> <li>Web-based Content Filtering services</li> </ul>
<b>Vantage Report</b>	Network Reporting Analyzer	<ul style="list-style-type: none"> <li>Comprehensive set of graphical reports</li> <li>Web-based user interface (browser based application)</li> <li>Intuitive design and easy to use</li> <li>Multi-ZyWALL support</li> <li>Automated report scheduling</li> </ul>
<b>Vantage CNM</b>	Centralised Network Management	<ul style="list-style-type: none"> <li>Central management</li> <li>One-click VPN creation and graphical VPN management</li> <li>Mass firewall ACL policy deployment and management</li> <li>Bulk firmware upgrade and management</li> <li>Intuitive device and account Monitoring</li> </ul>
<b>ZyWALL IPSec VPN Client</b>	Remote Security Client	<ul style="list-style-type: none"> <li>Windows 7 support</li> <li>IPSec VPN Tunneling with DES/3DES/AES encryption</li> <li>User authentication with X-Auth, PEM or PKCS#12 Certificates, pre-shared keys</li> <li>DPD and redundant gateway</li> </ul>

Product shown here are subject to availability depending on the region.

# Security Feature Matrix

Model Name	Unified Security Gateway 100 Series	Unified Security Gateway 200 Series	Unified Security Gateway 300 Series	Unified Security Gateway 1000 Series	Unified Security Gateway 2000 Series
	ZyWALL USG 100	ZyWALL USG 200	ZyWALL USG 300	ZyWALL USG 1000	ZyWALL USG 2000
<b>System</b>					
Firewall Throughput	150 Mbps	200 Mbps	250 Mbps	350 Mbps	2 Gbps
VPN Throughput (AES)	60 Mbps	70 Mbps	80 Mbps	120 Mbps	400 Mbps*
UTM Throughput (AV+IDP+Firewall)	30 Mbps	40 Mbps	55 Mbps	85 Mbps	400 Mbps*
Unlimited User Licenses	✓	✓	✓	✓	✓
Sessions	20,000	40,000	60,000	500,000	1,000,000
Max. Concurrent IPSec VPN Tunnels	50	100	200	1,000	2,000
Max. Concurrent SSL VPN Users	5	10	25	250	750
Physical Port	5 x LAN/DMZ, 2 x WAN (All GbE)	4 x LAN/DMZ, 2 x WAN, 1 x OPT (All GbE)	7 x 10/100/1000 GbE	5 x 10/100/1000 GbE	6 x 10/100/1000 GbE 2 x DualPersonality GbE (SFP/RJ45)
Customisable Zone	✓	✓	✓	✓	✓
<b>Networking</b>					
Routing/NAT/SUA Mode	✓	✓	✓	✓	✓
Bridge Mode	✓	✓	✓	✓	✓
Mix Mode (Routing+Bridge)	✓	✓	✓	✓	✓
VLAN Tagging (802.1q)	✓	✓	✓	✓	✓
Wireless Card Support	✓	✓	-	-	-
3G Support (Optional)	✓	✓	✓	✓	✓
<b>Security</b>					
Firewall	✓	✓	✓	✓	✓
IPSec VPN	✓	✓	✓	✓	✓
SSL VPN	✓	✓	✓	✓	✓
Content Filtering	✓	✓	✓	✓	✓
Anti-SPAM	✓	✓	✓	✓	✓
Anti-Virus	✓	✓	✓	✓	✓
IDP/ADP	✓	✓	✓	✓	✓
IM/P2P Management	✓	✓	✓	✓	✓
Bandwidth Management	✓	✓	✓	✓	✓
User-aware Management	✓	✓	✓	✓	✓
<b>High Availability</b>					
Device HA	A/P	A/P	A/P	A/P	A/P
VPN HA	✓	✓	✓	✓	✓
Multiple WANs for Load Balancing	✓	✓	✓	✓	✓
Auto Failover, Failback	✓	✓	✓	✓	✓
Out-of-band Management	✓	✓	✓	✓	✓
Redundant Power Module	-	-	-	-	✓
<b>Authentication Method</b>					
Local Database	✓	✓	✓	✓	✓
Radius	✓	✓	✓	✓	✓
LDAP	✓	✓	✓	✓	✓
Microsoft AD	✓	✓	✓	✓	✓
<b>Management</b>					
WebGUI (HTTP and HTTPS)	✓	✓	✓	✓	✓
Command Line	✓	✓	✓	✓	✓
Vantage CNM	✓	✓	✓	✓	✓
Vantage Report	✓	✓	✓	✓	✓

\* With SEM-DUAL module

# Security Feature Matrix

Model Name	ZyWALL USG 50	ZyWALL USG 20	ZyWALL USG 20W
<b>System</b>			
Firewall Throughput	100 Mbps	100 Mbps	100 Mbps
VPN Throughput (AES)	50 Mbps	30 Mbps	30 Mbps
Unlimited User Licenses	✓	✓	✓
Sessions	10,000	6,000	6,000
Max. Concurrent IPSec VPN Tunnels	5	2	2
Wireless	-	-	✓
Physical Port	2x WAN, 4 x LAN/DMZ (all GbE)	4 x LAN/DMZ, 1 x WAN (all GbE)	4 x LAN/DMZ, 1 x WAN (all GbE)
<b>WAN Type</b>			
Ethernet	✓	✓	✓
3G Support (Optional)	✓ (3G)	✓	✓ (3G)
<b>Security</b>			
Firewall	✓	✓	✓
IPSec VPN	✓	✓	✓
Content Filtering	✓	✓	✓
Bandwidth Management	✓	✓	✓
<b>High Availability</b>			
VPN HA	✓	✓	✓
Multiple WANs for Load Balancing	✓	✓ (3G)	✓
Auto Failover, Failback	✓	✓	✓
Dial Backup	✓	✓	✓
<b>Authentication Method</b>			
Local Database	✓	✓	✓
Radius	✓	✓	✓
<b>Management</b>			
WebGUI (HTTP and HTTPS)	✓	✓	✓
Command Line	✓	✓	✓
Vantage CNM	✓	✓	✓
Vantage Report	✓	✓	✓

<b>Specifications</b>	
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.
AV Throughput	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.
IDP Throughput	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.
UTM Throughput	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.
Max Sessions	Max sessions measured using industry standard Ixia IxLoad test tool.

<b>Specifications</b>	
UTM Performance	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.
VPN Performance	VPN (AES) throughput measured using UDP traffic with 1424 bytes packet size, based on RFC 2544.



## Experience the True Potential of the Advanced ZyXEL Security Products

If you want	For	Please order	
<b>Gateway Anti-Virus</b> <ul style="list-style-type: none"> <li>ZyWALL Gateway Anti-Virus service is an easy-to-manage, signature-based security feature which stops virus/spyware from entering your network.</li> <li>For protection against viruses and spyware, ZyWALL USG series could be choose the ZyXEL Anti-Virus or one powered by Kaspersky Labs.</li> </ul>	ZyWALL USG 100	iCard Kaspersky Anti-Virus, 1 year iCard ZyXEL Anti-Virus, 1 year	
	ZyWALL USG 200	iCard Kaspersky Anti-Virus, 1 year iCard ZyXEL Anti-Virus, 1 year	
	ZyWALL USG 300	iCard Kaspersky Anti-Virus, 1 year iCard ZyXEL Anti-Virus, 1 year	
	ZyWALL USG 1000	iCard Kaspersky Anti-Virus, 1 year iCard ZyXEL Anti-Virus, 1 year	
	ZyWALL USG 2000	iCard Kaspersky Anti-Virus, 1 year iCard ZyXEL Anti-Virus, 1 year	
			iCard Kaspersky Anti-Virus, 2 years iCard ZyXEL Anti-Virus, 2 years
<b>Gateway Anti-Virus/IDP upgrade</b>	ZyWALL USG 50	iCard Kaspersky Anti-Virus/IDP, 1 year iCard Kaspersky Anti-Virus/IDP, 2 years	
<b>Gateway IDP</b> <ul style="list-style-type: none"> <li>ZyWALL Gateway Intrusion Detection/Prevention service is an easy-to-manage, signature-based security feature which mitigates threats from ever-evolving attacks/exploits.</li> </ul>	ZyWALL USG 100	iCard IDP, 1 year iCard IDP, 2 years	
	ZyWALL USG 200	iCard IDP, 1 year iCard IDP, 2 years	
	ZyWALL USG 300	iCard IDP, 1 year iCard IDP, 2 years	
	ZyWALL USG 1000	iCard IDP, 1 year iCard IDP, 2 years	
	ZyWALL USG 2000	iCard IDP, 1 year iCard IDP, 2 years	
<b>Gateway Content Filtering</b> <ul style="list-style-type: none"> <li>ZyWALL Gateway Content Filtering is an integrated security option to regulate leisure browsing or porn traffic during work hours to decrease non-productive bandwidth consumption and prevent viruses and spyware from forcing your computer to connect with unwanted websites.</li> </ul>	ZyWALL 20W	iCard Content Filtering ZyWALL USG 20W, 1 year iCard Content Filtering ZyWALL USG 20W, 2 years	
	ZyWALL 20	iCard Content Filtering ZyWALL USG 20, 1 year iCard Content Filtering ZyWALL USG 20, 2 years	
	ZyWALL 50	iCard Content Filtering ZyWALL USG 50, 1 year iCard Content Filtering ZyWALL USG 50, 2 years	
	ZyWALL USG 100	iCard Content Filtering ZyWALL USG 100, 1 year iCard Content Filtering ZyWALL USG 100, 2 years	
	ZyWALL USG 200	iCard Content Filtering ZyWALL USG 200, 1 year iCard Content Filtering ZyWALL USG 200, 2 years	
	ZyWALL USG 300	iCard Content Filtering ZyWALL USG 300, 1 year iCard Content Filtering ZyWALL USG 300, 2 years	
	ZyWALL USG 1000	iCard Content Filtering ZyWALL USG 1000, 1 year iCard Content Filtering ZyWALL USG 1000, 2 years	
	ZyWALL USG 2000	iCard Content Filtering ZyWALL USG 2000, 1 year iCard Content Filtering ZyWALL USG 2000, 2 years	
<b>More SSL VPN Tunnels</b> <ul style="list-style-type: none"> <li>Remote access has never been so easy. Utilizing only a standard web browser, users can easily and secure access e-mail, files, applications, web servers and any resources on the corporate network from any location. With industry strength security and encryption algorithms, the ZyWALL's SSL VPN feature ensures your privacy of data.</li> </ul>	ZyWALL USG 50	iCard 2 to 5 SSL Tunnels	
	ZyWALL USG 100	iCard 2 to 5 SSL Tunnels	
	ZyWALL USG 200	iCard 2 to 10 SSL Tunnels	
	ZyWALL USG 300	iCard 2 to 10 SSL Tunnels iCard 10 to 25 SSL Tunnels	
	ZyWALL USG 1000	iCard 5 to 25 SSL Tunnels iCard 5 to 250 SSL Tunnels iCard 25 to 250 SSL Tunnels	
	ZyWALL USG 2000	iCard 5 to 50 SSL Tunnels iCard 5 to 750 SSL Tunnels iCard 50 to 750 SSL Tunnels	
			iCard 2 to 25 SSL Tunnels iCard 5 to 50 SSL Tunnels iCard 25 to 50 SSL Tunnels iCard 50 to 250 SSL Tunnels iCard 5 to 250 SSL Tunnels iCard 50 to 250 SSL Tunnels iCard 250 to 750 SSL Tunnels
<b>IPSec VPN Client</b> <ul style="list-style-type: none"> <li>Ideal for remote teleworkers to access company resources in a secure manner. Software client from SafeNet to be installed on client PC's.</li> </ul>	Client PC's	ZyWALL IPSec VPN client 1 license ZyWALL IPSec VPN client 10 licenses	
		ZyWALL IPSec VPN client 5 licenses ZyWALL IPSec VPN client 50 licenses	
<b>Vantage CNM</b> A robust centralized Network Management System. <ul style="list-style-type: none"> <li>Centralized UTM Management for License and Policy</li> <li>Enforcements and One-Click VPN configuration</li> <li>Group Device Configuration for mass deployments: firmware upgrades, Policy installations and backup/restore, Real-time monitoring, alerting and comprehensive graphic reporting</li> </ul>	All ZyWALL models	CNM, 10 nodes CNM, 50 nodes CNM, 300 nodes	
		CNM, 25 nodes CNM, 100 nodes CNM, 1000 nodes	
<b>Vantage Report</b> A comprehensive Reporting System. <ul style="list-style-type: none"> <li>Quickly and conveniently collect and/or analyze log orientated by devices across distributed networks</li> <li>Highly accessible and easy-to-use architecture provides IT staff a simple method to monitor/analyze network traffic associated with ZyWALL devices.</li> </ul>	All ZyWALL models	Vantage Report, 1 device* Vantage Report, 25 devices	
		Vantage Report, 5 devices Vantage Report, 100 devices	

For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)