

Zyxel USG20W-VPN(USG20W-VPN-EU0101F)
Zyxel USG20W-VPN - Firewall - GigE - 2.4 GHz,5 GHz



The USG20W-VPN provides safe and reliable VPN connections. Faster processors have vastly boosted the capabilities of attackers to decrypt VPN tunnels. With support to the advanced Secure Hash Algorithm 2, the VPN firewall provides safe VPN connections to ensure maximum security for business communications.

Key Selling Points

- Security for business communications
- Safer and reliable VPN connections
- Business mobility with Layer-2 Tunneling Protocol

Product Features

Safer, more reliable VPN connections

Faster processors have vastly boosted the capabilities of attackers to decrypt VPN tunnels. With support to the advanced Secure Hash Algorithm 2, the VPN firewall provides safe VPN connections to ensure maximum security for business communications.

Business mobility

To support dynamic, mobile business operations in BYOD business environments, the VPN firewalls offer business mobility with Layer-2 Tunneling Protocol VPN for mobile devices. The VPN firewall supports L2TP VPN on a wide variety of mobile Internet devices.

Main Specifications

Product Description	Zyxel USG20W-VPN - firewall
Device Type	Firewall
Form Factor	External
Localisation	Europe
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Frequency Band	2.4 GHz, 5 GHz
Performance	Firewall throughput: 350 Mbps VPN throughput: 90 Mbps
Capacity	User licences: unlimited Concurrent IPsec VPN tunnels: 10 Concurrent sessions: 20000 Concurrent SSL VPN users: 1 SSL VPN users: 5 Maximum number of configured SSIDs: 8
VoIP Protocols	H.323, SIP
Dimensions (WxDxH)	21.6 cm x 14.3 cm x 3.3 cm
Weight	1.04 kg

Extended Specification

General

Device Type	Firewall
Width	21.6 cm
Depth	14.3 cm
Height	3.3 cm
Weight	1.04 kg

Localisation Europe

Networking

Form Factor	External
Connectivity Technology	Wired
Data Transfer Rate	1300 Mbps
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Network / Transport Protocol	L2TP, IPSec, PPPoE, DNS, DDNS
Routing Protocol	OSPF, RIP-1, RIP-2, static IP routing, policy-based routing (PBR)
Remote Management Protocol	SNMP 1, SNMP 3, SNMP 2c, HTTP, HTTPS
Frequency Band	2.4 GHz, 5 GHz
Performance	Firewall throughput: 350 Mbps VPN throughput: 90 Mbps
Capacity	User licences: unlimited Concurrent IPSec VPN tunnels: 10 Concurrent sessions: 20000 Concurrent SSL VPN users: 1 SSL VPN users: 5 Maximum number of configured SSIDs: 8
Features	Routing, VPN support, PAT support, SNAT support, load balancing, VLAN support, Syslog support, Stateful Packet Inspection (SPI), DoS attack prevention, ALG support, manageable, stackable, E-mail alert, IPv6 support, High Availability, Transparency, firmware upgradable, DDos attack prevention, tunnelling, IPSec Virtual Private Network (VPN), Wi-Fi Multimedia (WMM) support, Quality of Service (QoS), Dead Peer Detection (DPD), IPSec NAT-Traversal (NAT-T), DHCP server, Multiple SSID support, bandwidth control, DHCP relay, CAPWAP support, DHCP client, dual firmware images, tagged VLAN, Captive Portal, Generic Routing Encapsulation (GRE), VPN auto-reconnection, Single Sign-On (SSO) support, ZyXEL One Network (ZON), SmartConnect Technology, Dynamic Channel Control, failover protection
Encryption Algorithm	DES, Triple DES, MD5, IKE, SSL, SHA-1, PKI, 256-bit AES, IKEv2, 512-bit SHA-2
Authentication Method	RADIUS, X.509 certificates, Radio Service Set ID (SSID), LDAP, XAUTH authentication
Compliant Standards	IEEE 802.1Q, IEEE 802.1x, X.509, IEEE 802.11n, IEEE 802.11ac

IP Telephony

VoIP Protocols	H.323, SIP
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Aerial

Antenna	External detachable
Antenna Qty	3
Gain Level	3 dBi

Expansion / Connectivity

Interfaces	4 x 1000Base-T - RJ-45 (LAN / DMZ) 1 x 1000Base-T - RJ-45 (WAN) 1 x USB - Type A 1 x - SFP (mini-GBIC) 1 x console - RJ-45
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Miscellaneous

Cables Included	1 x console cable
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MTBF	44,000 hour(s)
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Compliant Standards	UL,BSMI,ICSA Firewall certified,FCC Part 15 B,IC,EMC Class B,RCM
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Power

Power Device	External power adapter
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Power Consumption Operational	12 Watt
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Environmental Parameters

Min Operating Temperature	0 °C
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Max Operating Temperature	40 °C
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Humidity Range Operating	10 - 90% (non-condensing)
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What's in the box

Zyxel USG20W-VPN
Console cable
External power adapter

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