

Forum:[Hack Forums](#)

Thread: [Just got a network firewall for my node](#)

??s?? - July 2, 2012, 12:58 am

[img]http://www.zyxelguard.com/images/security/zywall_usg_50.jpg[/img]

<http://www.zyxelguard.com/ZyWALL-USG50.asp>

Got the ZyXEL ZyWALL USG 50 Total Security , can't wait to get it and set it up! :D

Anyone have this or have used this before? Might consider buying another one of the 50 Total Security's.

Specs

Features [\(Click to View\)](#)

- Unified Security Gateway for SME (1~10 PC Users)
- All Gigabit Ethernet interface hardware design
- High-performance multi-layer threat protection
- Hybrid VPN (IPSec and SSL) secures connection
- 3G USB dongle as the backup WAN

Firewall [\(Click to View\)](#)

- ICSA-certified firewall
- Routing and transparent (bridge) mode
- Zone-based access control list
- Stateful packet inspection
- NAT, PAT
- Policy base NAT
- VLAN tagging
- User-aware policy enforcement
- SIP/H.323 NAT traversal
- ALG supports custom ports
- Virtual Private Network (VPN):
- ICSA-certified IPSec VPN
- PPTP, IPSec
- Algorithm: AES/3DES/DES
- Authentication: SHA-1/MD5
- Key management: Manual key/IKE
- Perfect forward secrecy: (DH group) supprt 1, 2, 5
- IPSec NAT traversal

Dead peer detection/relay detection
PKI (X.509) certificate support
Centralize VPN Support
Simple wizard support
Auto reconnect VPN
VPN HA (redundant remote VPN gateways)

SSL VPN ([Click to View](#))
Clientless Secure Remote Access (Reverse Proxy Mode)
Support reverse proxy mode and full tunnel mode
Unified Policy Enforcement
Supports Two Factor Authentication
Customizable User Portal

SSL VPN ([Click to View](#))
Anti-Spam:

Zone to zone protection
Transparently intercept mail via SMTP/POP3 protocols
Blacklist/whitelist support
Support DNSBL checking
Spam tag support
Statistics report

Anti-Virus ([Click to View](#))

Support Kaspersky and ZyXEL Anti-Virus
Stream-based Anti-Virus engine
Zone base AV protection
HTTP/FTP/SMTP/POP3/IMAP4 protocol support
Automatic signature updates
No file size limitation
Blacklist/whitelist support

Intrusion Detection and Prevention (IDP) ([Click to View](#))
Routing and transparent (bridge) mode
Zone-based IDP inspection
Customizable protection profile
Protect over 2000 attack
Automatic signature updates
Custom signatures
Protocol anomaly detection and protection
Traffic anomaly detection and protection
Flooding detection and protection
DoS/DDoS protection

Content Filtering ([Click to View](#))
Social networking control

Web security - ZyXEL safe browsing
URL blocking, keyword blocking
Profile base setting
Exempt list (blacklist and whitelist)
Blocks java applet, cookies and active X
Dynamic URL filtering database (powered by BlueCoat)
Unlimited user licenses support
Customize warning messages and redirect URL

Networking ([Click to View](#))

Routing mode/bridge mode/mixed mode
Layer 2 port grouping
Ethernet/PPPoE
Tagged VLAN (802.1Q)
Virtual interface (alias interface)
Policy-based routing (user-aware)
Policy-based NAT (SNAT)
Dynamic routing(RIP v1/v2, OSPF)
DHCP client/server/relay
Dynamic DNS support
WAN Trunk more than 2 port
Dynamic DNS support
Per host session limit
Guaranteed bandwidth
Maximum bandwidth
Priority-bandwidth utilization

Authentication ([Click to View](#))

Local user database
Microsoft Windows active directory integrate
External LDAP/RADIUS user database
Xauth over RADIUS for IPSec VPN
Forced user authentication (transparent authentication)
IP/MAC address binding

System Management ([Click to View](#))

Role-based administration
Multiple administrator login
Multi-Lingual Web GUI (HTTPS/HTTP)
Object-based configuration
Command line interface (console/web console/SSH/TELNET)
SNMP v2c (MIB-II)
System configuration rollback
Firmware upgrade via FTP/FTP-TLS/Web GUI

Application Patrol ([Click to View](#))

Application, IM/P2P, stream base media, VoIP granular access control
Detail access control of IM (Chat, file transfer, video)
Application and IM/P2P bandwidth control

User authentication support
IM/P2P signature auto update
Support more than 15 catalogs IM and P2P
Real-Time statistical reports
Maximum/guaranteed bandwidth

Logging/Monitoring [\(Click to View\)](#)

Comprehensive local logging
Syslog (send to up to 4 servers)
E-mail alert (send to up to 2 servers)
Real-Time traffic monitoring
Built-in daily report
Advanced reporting (Vantage Report)
Centralized Network Management (Vantage CNM) manageable

System Capacity & Performance [\(Click to View\)](#)

SPI Firewall Throughput*1: 100 Mbps
VPN Throughput (3DES)*2: 50 Mbps
Unlimited User Licenses
Max. Sessions*3: 10,000
New Session Rate: 1.000
Max. Concurrent IPSec VPN Tunnels: 5
Max. Concurrent SSL VPN Users: 5
Included SSL VPN Users: 2
Customizable Zone

Hardware Specifications [\(Click to View\)](#)

10/100/1000 Interfaces (Copper): 4 x LAN/DMZ, 1 x WAN
USB ports: 2

Physical Specifications [\(Click to View\)](#)

Dimensions: 243 (W) x 167.10 (D) x 35.5 (H) mm
Weight: 1.2 kg

Power Requirement [\(Click to View\)](#)

Input Voltage: 100 - 240 V AC, 50 - 60 Hz, 1.2 A
Power Rating: 17 W Max

Environmental Specifications [\(Click to View\)](#)

Operating temperature: 0°C to 40°C
Storage temperature: 0°C to 40°C
Operating humidity: 20% to 95% (non-condensing)

