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NF Q 900 Series

Modern Day Next-Gen Firewall for Every Office

New Model

- In today's world, Cyber threats are same for all types of modern business. Hence, the firewall used in SOHO, SME & Corporate segments should also support features like enterprise class firewall to protect the network and need to be available at an affordable price. Q series meets the above requirement with excellent ROI coupled with world class features.
- It includes built-in AAA User Management and hotspot functionalities for both wired and wireless users, ensuring secure internet access for guests.
- With its Drop-in Placement (DIP) feature, the Q Series allows seamless failover between MPLS and SSL VPN over ADSL connections, without changing the existing network.
- Equipped with a lifetime-free analyzer, the Q Series NGFW offers a user-friendly, AI-powered experience, making it more than just a firewall.
- Compact, fanless, reliable, and energy-efficient, the Q Series NGFW can be easily placed in any office without special setup.

FEATURES

- Auto Load Balancer & Failover
- DDNS/SNMP/Remote sys log
- 4095 VLAN with L3 Support
- Application & Content Filter
- SPI Firewall & Geo Fencing
- Quality based link Failover
- VPN - SSL / IPSec / Crypto
- Router (Static & Dynamic)
- 4G / 5G LTE dongle support
- High Availability, Live Sniffers
- Central Console, Softether VPN
- Easy to use UI, Compliance Logs
- 200 + Protocols support
- Internet User Management
- Bandwidth Aggregation
- TFA & MFA Support
- GAV, IDS/IPS & WAF
- Inbuilt Logs & Reports
- QoS & SDWAN
- Web & Email Security
- Multi ISP support
- Keyword, Wildcard blocking
- All in one dashboard
- Smart View on alerts

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Specifications

Performance Parameters	NF Q Series	
Form Factor	Desktop	
Concurrent Sessions	4M	
New Sessions/sec	47,000	
Firewall Throughput (Mbps)	9,900	
Firewall IMIX (Mbps)	6,500	
NGFW Throughput(Mbps)	1,800	
IPSec VPN Throughput(Mbps)	1,200	
NGIPS Signature supported	20,000	
No. of 1 GE Copper Interface	4	
No. of WAN Ports	Maximum 2	
IPsec VPN Peers (Site to Site / Client to Site)	60/60	
SSL VPN (Client to Site & Site-Site) 5 SSL Client default in pricing	5 / 60	
IPV6 Ready from day 1	Yes	
Traffic Handled	TCP | UDP | TCP/UDP | HTTP/HTTPS	
High Availability	Active -Active | Active-Passive	
Details of the Firewall Policies provided with License	Web Security essential / URL Filter	Yes
	IPL License	Yes
	Application Visibility License	Yes
	Gateway Anti Virus	Yes
	Gateway Anti Spam	Yes
	Anti Malware protection C&C Attack, Geo IP Protection Zero day threat Protection	Yes
Security Intelligence	IP / Domain / Passive Detect end Point, IoC Intelligence	Yes
Type of Storage | Capacity	SSD | 128GB	
Power Supply (Power Adaptor)	Single (12V/5A)	
USB / VGA Ports	2/1 Port	
Dimensions (mm) - (HxWxD)	44x170x200	
Weight (Kg)	1.15	
Color	Grey & Blue	
Total Heat Dissipation (BTU)	90	
Operating Temperature	0-45°C	
Storage Temperature	2-70°C	
Relative Humidity (NC)	10 to 90%	

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The Netfox Q Series is specifically designed for the SOHO / SME segment, incorporating a flexible "pay-as-you-grow" model to meet the evolving demands of the market. Built with three layers of advanced security, this product ensures the highest level of protection and intrusion-free networking with on box reporting.

Networking

- Multiple ISP link support
- 4G / 5G LTE Dongle support
- Captive support for MPLS/RF
- LAN / DMZ / VPN Zone
- Quality based link failover
- Spillover bandwidth support
- Priority based load balancing
- 4095 VLAN tag
- Ethernet LAG | Proxy ARP
- MAC Clone and VLAN tag on WAN
- Alternate DNS Server
- Internal DNS Domain
- Transparent, Route and Bridge mode

IPSec VPN

- Both Interface & Tunnel type
- GRE over IPSec | IKE1& IKE2
- SDWAN Scheme support
- **Encryption:** AES 128, 196 256-CBC
- AES 128 GCM with 64,96,128
- AES 256 GCM with 64,96,128
- AES 128 & 256 -CTR
- Chacha20-Poly1305
- AES-128-CCM with 64.128
- AES-256-CCM with 64.128
- Camellia 128 & 256-CBC
- 3DES-EDE-CBC
- **DH Group:** DH1-DH32

SD-WAN

- Control & Data Plane management
- Zero Touch Provisioning
- Enterprise and Split tunnel
- Edge device with NGFW support
- Jitter, Packet loss & RTA
- Subnet Load balancer
- Link Management
- ILLB & WLLB
- Routing & Balancing Policy
- Application based, ISP based
- Preferred Interface & Firewall address support

Internet Manager

- Time, Usage & BW control
- Concurrent Login
- Hours of Service
- Time Frames | Standard Login
- Automatic login (IP, MAC,
- Multiple IP, MAC binding)
- BYOD Support | SMS based OTP
- Email based OTP
- Social Network Login
- Auto MAC binding
- Approval based login
- Mobile device blocking
- AD/ LDAP / SAML Integration

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Firewall/NAT

- SPI and DPI Firewall
- Application Visibility & Control
- Geo-Fencing (Incoming & Outgoing with separate lters)
- Filter Rules (Accept | Reject | Drop | Rapid Accept
- DNS Security, MAC-IP Interface binding
- Port Forward (SNAT & DNAT)
- One to One NAT, NetMap NAT
- Global IP Blacklist
- NAT Helpers | IP, MAC, Domain List
- System Security | Show Config

SSL VPN

- 5 Virtual VPN Servers
- 3 dierent modes
- Data path optimizer
- Enterprise tunnel with PBR
- Cipher :
- AES-128 & AES-256 GCM
- AES-128 & AES-256 CBC
- Chacha20-Poly1305
- Camellia-128 & 256 CBC
- Auth Alogrithm :
- SHA256, SHA384, SHA512, MD5
- LDAP/AD Integration for VPN

Web Security

- Domain, URL, Keyword, Wild Card
- Active X, Java Applet, Cookies
- Domain, IP, MAC exemption
- DNS Security & Safe Search Filter
- 100+ Million website Filters
- 80+ Categories
- Application Filter
- Mime Type & File ext blocking
- IoC Signatures & IP Blacklist
- Zero-day protection | FTP Proxy

Log/Report

- 100+ Logs and 24 Report
- Compliance Logs
- Audit Logs
- Digest Reports
- Live Network Snier
- Real time netow (IP & Port)
- Connection Tracking Log
- Cong Change log
- Firewall login digest report
- 180 days log archive
- 30+ debugging commands
- Built in logs and reports

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GAV & Anti Malware

- Mime Type & File ext blocking
- Http & Https
- POP& POP3
- SMTP & SMTPS
- IMAP & IMAPS
- FTP & SFTP
- File size block & Domain exclusion
- API integration for sandbox
- API integration for 3rd party signatures

Alerts

- ISP link down alert
- HA failover alert
- Real Time alerts on data usage
- Alert on Firewall login
- Alert on Watchdog on process failure
- Alert on FTP log export
- Alert on Conguration Changes
- Rest API | SNMP V2/V3, Remote Syslog

IDS/IPS

- Dos, DDos, Botnet, Finger
- Generic decode event
- Invalid IP & TCP options
- Invalid T/TCP detection
- Obsolete TCP options
- Experimetal TCP options
- IMAP, P2P, Ransomware
- Malware, Phishing, POP,SMTP
- Custom Rules support

Firewall Mgmt

- Configuration Management
- Auto backup on daily / weekly / monthly
- Backup via FTP / email
- Daily Digest Report over email
- Ethernet Port Management
- Password Policy | NTP Setting
- EDL Support | SOAR Support

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Regulatory Compliance

- MTCTE
- UL, RoHS, CE, FCC
- CIPA & HIPPA

Authentication

- On box with password policy
- Radius & LDAP / AD
- TACACS / TACACS+

WAF

- Cross Site Scripting
- Log4J, SQL Injections
- Exploits, Generic attacks
- Trojans | Botnet, Sandboxing
- Information disclosure

Routing

- Static Routing, Multicast Routing
- Gateway & Interface Route
- IP Passthrough
- ILLB, RIP V1 / V2, OSPF
- BGP, PIMv2

Netfox Assured Support

Netfox Products come with direct OEM 24/7 support by trained Professionals for product configuration and support. TAS helps customer on security best practices to make the network hacker free and more reliable.

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An ISO 9001 & 27001 Company

For any queries, please reach out to us at

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