

Datasheet

NETFOX

Prime Octa 20000-40



Next Generation Firewall



Three Layers
of Security

AI based
NGFW

Scalability

Lifetime Free
Analysers

NF-Prime Series is designed keeping in mind the requirement of pay as you grow model which is most required for the current market conditions.

Compared to the other product's NetFox moved one step ahead of providing a comprehensive solutions to meet customer IT needs on seamless failover between the private cloud and alternate Internet connection, secure branch connectivity with 100% uptime and remote manageability coupled with 2x scalability.

NF Prime's scalability feature ensures 70% saving on capex cost on new NGFW purchase when the organization grows 2x on their user numbers.

Netfox NGFW's inbuilt logs and elaborated reports on every configured features make NF Prime Series not just a NGFW, instead it is informative, proactive on security breaches, easy to use and provides complete control of the network.

In addition to NGFW features, Prime Series are equipped with AAA Hotspot features for individual user control on both wired and wireless network.

Prime Series supports 3G/4G dongles and hotspot along with multiple wired internet connections for auto failover and load balancing.

NF Prime Series are versatile, scalable, robust and rack mountable.

www.netfoxfirewall.com

Specifications

Performance Parameters	NF Prime Octa 20000-40
Concurrent Sessions	25,000,000
New Sessions/sec	285000
Firewall Throughput - Test Condition (Mbps)	8000 (27000) +
Firewall Throughput - Real World (Mbps) 4800	6800 (21000)
No. of WAN Ports	7
NGIPS Signature supported	20000
IPsec VPN Peers	Unlimited
Site to Site SSL VPN	100/500
High Availability License	Yes
IPV6 Ready	Yes
Firewall Policies	Unlimited
Dynamic Routing	RIP V1/V2, OSPF, BGP
Encryption Supported	3DES, AES-CBC (128/256/512), AES-GCM (128/256/512) CAMELLA-CBC (128/256), BlowFish-128-CBC
Authentication Alogrithm	MD5, SHA-1, SHA256, SHA384, SHA 512
Licenses LAN Users	Unlimited
AD / LDAP Integration	Yes
Auto MAC binding	Yes
User Management AAA Hotspot	Yes
Hardware Specification	
Gigabit Ethernet Ports	1xLAN + 7xLAN/WAN + 2x10G SFP+
RAM DDR4	8/16 GB
Storage (SSD)	128 / 240GB
USB / VGA Port	2/1
Form Factor	1U Rackmount
Dimensions (mm) - (HxWxD)	44x430x360
Weight (Kg) / Color	6 / Black
Expansion Slot - 1	Option to load 4x1G SFP / 2x10G SFP
Power Supply	230V AC 3 Pin
Input Voltage	100-240V/50-60Hz
Consumption	90W
Total Heat Dissipation (BTU)	190
Operating Temperature	0-45° C
Storage Temperature	2-70° C
Relative Humidity (NC)	10 to 90%
Regulatory Compliance	FCC Part 15, Class B, CE

All specification and photos are subject to change without prior notice.

1.Maximum throughput performance is measured under ideal test conditions using industry standard performance test tools. 2. Firewall UDP throughput performance is based on RFC 2544 guidelines. 3.All Performance values are upto or rough guideline only and vary depending on system configuration. 3. IPS throughput(http) measured using default IPS rule set and 512KB object size. 4.VPN throughput measured using multiple tunnels with 512KB response size. 5.Testing done with multiple flows through multiple port pairs. * If all slots populated.

Ordering Information

NF-Prime Octa-20000-40-H-Y	8 Port device includes AV/CF/AS/IDS/IPS/AAA/HW Warranty subscription upto 1000+ concurrent users with "H" Variant and "Y" Support. Add on card to order : 4x1G SFP Card or 2x10G SFP Card (SFP modules to be purchased extra)
H = Hotspot Variants Options: Default Hotspot(DHS), Office Hotspot (OHS), Hospitality Hotspot (HHS), Educational Hotspot(EHS). Y = Subscription years options : 1 Year or 3 Years or 5 Years	

Netfox Support

Netfox products come with direct OEM support round the clock by trained professionals for product configuration and support. Netfox helps customer on security best practices to make the network hacker free and more reliable.



Features

- Router (Static & Dynamic)
- Multi LAN/WAN connection
- Auto Load Balancer & Aggregation
- Quality based link auto Fail Over
- 4095 VLAN with L3 support
- SPI Firewall & Geo IP Filter
- 200 + Protocol support
- Web Security
- Application & Content Filter
- Email Security
- GAV, IDS/IPS & WAF
- TFA & MFA Support
- AAA User Management
- VPN - SSL / IPsec / Crypto
- QoS & SDWAN
- Scalability (up to 70% saving)
- DDNS/SNMP/Remote sys log
- Traffic Analyzer
- Inbuilt Logs & Reports

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