

Forcepoint NGFW 320X

ADVANCED NETWORK PROTECTION FOR EXTREME ENVIRONMENTS

Networks operating in extreme environments require hardened security devices that deliver the same continuous protection and ease of management demanded for corporate networks. Designed to withstand harsh conditions, Forcepoint NGFW 320X protects high-performance networks against the latest advanced threats, attacks, and evasion techniques. Critical operations, such as military command centers, armored vehicles, mining operations, chemical plants, and public utilities benefit from robust, reliable and centrally managed security.

Forcepoint NGFW 320X provides continuous, high-performance security for networks operating in extreme environmental conditions, including high and low temperatures, humidity, dust, mud, electromagnetic interference, shock, and vibration. Its small form factor makes it ideal for mobile, industrial, or military networks requiring portable, rugged protection against the latest advanced threats and evasion techniques.

Advanced evasion techniques (AETs) are used by sophisticated hackers and nation states to deliver exploits undetected through conventional network security appliances. To discover and block AETs before they enter the network, Forcepoint NGFW employs advanced security techniques, including full data stream-based normalization and inspection across all network protocols and network layers.

Forcepoint NGFW Security Management Center (SMC) provides centralized provisioning and administration of Forcepoint NGFWs, even when they are geographically distributed or mobile. Regardless of network complexity and size, administrators benefit from continuous and complete network visibility in a clear visual format.

KEY ADVANTAGES

- ▶ Forcepoint NGFW advanced protections in a ruggedized, portable appliance
- ▶ Continuous security for networks operating in extreme environments
- ▶ Resilient encrypted communications between base and deployed units
- ▶ Ideal for command centers, armored vehicles, mining operations, chemical plants, public utilities, and more
- ▶ Simple, centralized provisioning, updates, and management



Figure 1. Forcepoint NGFW 320X



FORCEPOINT NGFW 320X SPECIFICATIONS¹

MAXIMUM PERFORMANCE		L3 FW/VPN
NGFW Throughput HTTP 21 kB payload		200 Mbps
Throughput UDP 1514-byte packets, no inspection		2 Gbps
Max Firewall Throughput UDP 1514-byte packets, no inspection		800 Mbps
64-byte packets per second no inspection		250,000
New TCP connections/second 21 kB payload		25,000
New inspected HTTP connections/second 21 kB payload		1,200
Concurrent connections		5,000,000
Inspected concurrent connections		450,000
VLANs		Unlimited
VPN throughput (AES-128-GCM)		450 Mbps
VPN throughput (AES-256SHA2)		240 Mbps
VPN tunnels		15,000
INTERFACES		
Ethernet		4 x 10/100/1,000 Mbps RJ45 Optional shielded RJ-45 connectors available for increased protection
WLAN		IEEE 802.11 a/b/g/n 2.4 GHz / 5 GHz bands WEP/WPA Security Antennas 2x dual-band antennas with TNC connector Vehicle antenna 2.4 GHz (optional)
USB		2 x USB2
Serial		1 x RJ45
Power		1x MIL-C-5015 JMS3116F12-35
Display		1 x VGA
MEASUREMENTS		
Form factor		Desktop
Dimensions (W x H x D)		270 x 68 x 250 mm / 10.63 x 2.68 x 9.84 inches
Net Weight		4.25 kg / 9.34 lbs



FORCEPOINT NGFW 320X SPECIFICATIONS¹ CONT.

STANDARD COMPLIANCE	
EMC	MIL-STD 461E Requirements: CE102, CS101, CS114, CS115, CS116, RE102, RS103
Environment	IEC 60068-2-1 Aa (Cold) IEC 60068-2-2 Bb (Dry heat) EN 60068-2-30 Dd (Damp heat cyclic) IEC 60529 Casing IP65
Mechanical	IEC 60068-2-6 Fc: Sinusoidal vibration (1.5 G) IEC 60068-2-64 Fc: Random vibration (1.5 G) RMS IEC 60068-2-32 Ed: Drop (75 cm) IEC 60068-2-27 Ea: Shock (50 G) IEC 60068-2-29 Eb: Bump (25 G, 16 ms)
POWER	
Power supply	DC input: 10 to 36V 100-240 VAC, 50-60 Hz, 60W power supply 100-250 VAC, 50-60 Hz, 90W power supply (option)
Power consumption	25W (typical) 90W (maximum)
OTHER	
Operating temperature	-25 to +50°C [-13 to +122°F] ²
Storage temperature	-25 to +60°C [-13 to +140°F]
Ingress protection class	IP65 (complete protection against dust and very good protection against water)
Exterior color	Matte black (RAL9005)

1. See Forcepoint NGFW data sheet for additional details on functional roles and security features.
2. Operating temperatures lower than 0°C /32°F require 90 W power supply for running the embedded heating element.

CONTACT
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