

McAfee Next Generation Firewall MIL-320

Enterprises and military organizations demand hardened equipment that can survive extreme environments. These organizations are required to facilitate distributed operations with robust, secure, high-performance networks that enable situational awareness, collaborative working, and office tools. McAfee® Next Generation Firewall MIL-320 is designed for these organizations that need to implement fixed or deployable network security in operating environments that are too demanding for normal security appliances.

Key Advantages

- McAfee Next Generation Firewall in a ruggedized appliance.
- Shock and vibration resistant.
- Shielded from damp, water, and dust.
- Reliable operation in extreme temperatures.
- Resilient encrypted communications between base and deployed units.
- Ideal for deployments in command centers, armored vehicles, mining quarries, chemical plants, utilities, and more.
- Straightforward configuration and management.

McAfee Next Generation Firewall MIL-320 is designed for failure-free, high-performance operation in extreme temperatures, wet, mud, and dust. It is small, portable, heavy duty, resistant to bumps and shocks, and is available in black or military green livery.

Advanced evasion techniques (AETs) are the sophisticated, resource-intensive exploit delivery methods used by hackers and nation states to stealthily bypass conventional network security appliances. McAfee Next Generation Firewall products use thorough data stream-based normalization and inspection across all protocols and network layers to detect and prevent AETs and prevent perimeter penetration.

Centralized control offered through the McAfee Security Management Center complements the security solution, which is often geographically distributed or even mobile. Regardless of network complexity and size, administrators can get continuous and complete network visibility in a clear visual format.

McAfee Next Generation Firewall MIL-320 Specifications

Software Feature Specifications

(See the McAfee Next Generation Firewall data sheet for additional details.)

Maximum Performance	L3 FW/VPN
Throughput (UDP 1514-byte packets, no inspection)	2 Gbps
Throughput (UDP 1514-byte packets, with inspection)	800 Mbps
64-byte packets per second (no inspection)	250,000
HTTP inspection (21 kB payload)	200 Mbps
New TCP connections/second (no inspection)	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-256-SHA2)	240 Mbps
VPN tunnels	15,000

McAfee Next Generation Firewall MIL-320 Specifications (continued)

Network Interfaces	
Ethernet	4x 10/100/1000 Mbps copper WLAN support: <ul style="list-style-type: none"> • IEEE 802.11a/b/g/n • 2.4 GHz/5 GHz bands • WEP/WPA security
Connectors	
Ethernet	RJ45 or Glenair 801
USB	2 x USB2
Serial	1 x RJ45
WLAN antenna	2 x TNC
Power	1 x MIL-C-5015 JMS3116F12-3S
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
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 32V
Typical power consumption	25 W
Other	
Operating temperature	-25 to +50°C (-13 to +122°F)
Storage temperature	-25 to +60°C (-13 to +140°F)
Ingress protection class	IP65 (Complete protection against dust and very good protection against water)
Standard color options	Matt green (AN100) Matt black (RAL9005)

