

Next-Generation Firewall

120 Series

Reliability and security for the distributed enterprise—introducing Forcepoint Next-Generation Firewall 120 Series with secure SD-WAN and optional Wi-Fi and LTE connectivity



The Forcepoint NGFW 120 Series enables remote offices, branches, and stores to securely connect directly to the cloud. This compact, desktop appliance offers wired and optional Wi-Fi and LTE as a single solution with secure SD-WAN, next-generation firewall security, advanced intrusion prevention, and anti-malware capabilities. The 120 Series is centrally managed via Forcepoint's renowned Security Management Center (SMC).

Key Features

- › Up to 4 Gbps throughput
- › Compact desktop design
- › Integrated switching
- › Optional Wi-Fi and LTE
- › Two (2) Power over Ethernet (PoE+) ports for flexible deployment of peripherals
- › Multi-ISP SD-WAN and site-to-site Multi-Link™ connectivity
- › High-availability clustering
- › High-security NGFW with anti-evasion technology
- › Software and security policy updates with just a few clicks
- › Centralized management of up to 6,000 appliances at once
- › Endpoint-aware security policy enforcement
- › Integration with Forcepoint Web Security Cloud, CASB, and DLP
- › Optional Advanced Malware Detection (AMD) sandboxing
- › Optional URL Filtering powered by Forcepoint ThreatSeeker

Direct-to-cloud connectivity and security for the unbound enterprise

Digital transformation is all about connecting distributed workforces to the resources they need, no matter where they are. With applications and data moving to the cloud, organizations are increasingly finding that old "hub-and-spoke" networking, like MPLS, can't handle the demand. The Forcepoint NGFW 120 Series provides the networking and security needed to safely connect stores, branches, and remote offices directly to the internet for maximum productivity while providing industry-leading security so your teams can do more, with less.

Reduced costs and footprint with integrated SD-WAN, NGFW, VPN and optional Wi-Fi and LTE

The Forcepoint NGFW 120 Series unites networking and security in a compact desktop appliance that is easy to install in even the smallest locations. It integrates multi-ISP SD-WAN connectivity, site-to-site Multi-Link™ VPN, and high-availability clustering with the industry's strongest next-generation firewall (NGFW) and intrusion prevention (IPS) security. The 120W model provides comprehensive Wi-Fi and built-in switching which eliminates the need for additional boxes. For LTE without Wi-Fi, Forcepoint offers the 120L model.

Like all Forcepoint NGFW appliances, physical as well as virtual, the Forcepoint NGFW 120 Series is centrally administered using the Forcepoint Security Management Center (SMC). Firewalls can be deployed throughout the world quickly, without an on-site technician, and updated with just a few clicks.

Advanced clustering for high availability

Every minute an organization is offline costs money. Downtime is not an option. That's why the Forcepoint NGFW 120 Series offers advanced clustering that allows multiple appliances (including other models of Forcepoint NGFW) to be used together to keep remote sites running even in the middle of software updates or hardware failure. Built-in SD-WAN traffic management enables links from more than one ISP to be used at the same time to further reduce the risk of outages. Redundancy in the management console and log services enables global deployments and helps to ensure your business stays connected securely, even during unexpected interruptions.

Forcepoint NGFW 120 Series Appliance



PERFORMANCE ¹	N120	N120W	N120WL	N120L
NGFW/NGIPS throughput (HTTP 64kB payload)	450 Mbps	450 Mbps	450 Mbps	450Mbps
Max firewall throughput (UDP 1518 byte payload)	4 Gbps	4 Gbps	4 Gbps	4 Gbps
Max inspection throughput (UDP 1518 byte payload)	800 Mbps	800 Mbps	800 Mbps	800 Mbps
TLS 1.2 inspection (44kB payload)	130 Mbps	130 Mbps	130 Mbps	130Mbps
IPsec VPN AES-GCM-256	1.8 Gbps	1.8 Gbps	1.8 Gbps	1.8Gbps
Mobile VPN clients	Max 25	Max 25	Max 25	Max 25
Max concurrent IPsec VPNs	18,000	18,000	18,000	18,000
Max concurrent inspected HTTP connections	40,000	40,000	100,000	100,000
Max concurrent connections	7 Million	7 Million	7 Million	7 Million
New TCP connections/sec	48,000	48,000	48,000	48,000
VLAN tagging	Unlimited	Unlimited	Unlimited	Unlimited
Virtual contexts default/max	3 / 3	3 / 3	3 / 3	3 / 3

¹ Performance values reflect maximums measured under test conditions and may vary based on configuration and features enabled

NETWORK INTERFACES	N120	N120W	N120WL	N120L
Fixed Ethernet interfaces	8 GE RJ45	8 GE RJ45	8 GE RJ45	8 GE RJ45
Power over Ethernet (PoE+) ports	2 x 30W ²	2 x 30W ²	2 x 30W ²	2x30W ²
Wi-Fi	Not Applicable	IEEE 802.11 ac/a/b/g/n	IEEE 802.11 ac/a/b/g/n	Not Applicable
Switched ports ³	8	8	8	8
Connectors	2 USB, 1 serial	2 USB, 1 serial	2 USB, 1 serial	2 USB, 1 serial
Wireless	Not Applicable	Not Applicable	LTE ^{3,4}	LTE ^{3,4}

² Power over Ethernet requires PoE+ adapter sold separately

³ Ports can be used as switch ports or layer 3 interfaces

⁴ Supported LTE bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71

ORDERING ⁴	N120	N120W	N120WL	N120L
NGFW appliance	N120	N120W	N120WL	N120L
Power over Ethernet (PoE+) adapter	ACP120PoE	ACP120PoE	ACP120PoE	ACP120PoE
URL filtering	FPURL1X	FPURL1X	FPURL1X	FPURL1X
Advanced Malware Detection	FPAMD1X	FPAMD1X	FPAMD1X	FPAMD1X
AC power supply	ACP120	ACP120	ACP120	ACP120
120 Series spare part SSD	ACM8	ACM8	ACM16	ACM16
Appliance Spare Unit	N120SPU	N120WSPU	N120WLSPU	N120LSPU

³ Contact your Forcepoint sales representative for availability

PHYSICAL	N120	N120W	N120WL	N120L
Regulatory model number	APP-120C3	APP-120C1	APP-N120C2	APP-N120C4
Form factor	Desktop	Desktop	Desktop	Desktop
Dimensions W x H x D	225 x 44 x 150mm 8.9 x 1.7 x 5.9in	225 x 44 x 150mm 8.9 x 1.7 x 5.9in	225 x 44 x 150mm 8.9 x 1.7 x 5.9in	225 x 44 x 150mm 8.9 x 1.7 x 5.9in
Net weight	2 kg / 4.4 lbs	2 kg / 4.4 lbs	2 kg / 4.4 lbs	2 kg / 4.4 lbs
AC power supply	100–240 VAC 50–60 Hz 40 W	100–240 VAC 50–60 Hz 40 W	100–240 VAC 50–60 Hz 40 W	100–240 VAC 50–60 Hz 40 W
PoE+ power supply	100–240 VAC 50–60 Hz 72W	100–240 VAC 50–60 Hz 72W	100–240 VAC 50–60 Hz 72W	100–240 VAC 50–60 Hz 72W
Max transmit power (EIRP)	Not Applicable	15.75 dBm (2410–2470 MHz) 16.07 dBm (5150–5250 MHz)	15.75 dBm (2410–2470 MHz) 16.07 dBm (5150–5250 MHz)	Not Applicable
Typical power consumption	25W	25W	25W	25W
Max power consumption	36W	36W	36W	36W
Max BTU/hour	123	123	123	123
MTBF (hours)	150,000	150,000	100,000	100,000
Operating temperature	0–+40°C / +32–+104°F	0–+40°C / +32–+104°F	5–+40°C / +41–+104°F	5–+40°C / +41–+104°F
Storage temperature	-20–+70°C / -4–+158°F	-20–+70°C / -4–+158°F	-20–+70°C / -4–+158°F	-20–+70°C / -4–+158°F
Relative humidity non-condensing	8%-90%	8%-90%	8%-90%	8%-90%
Safety certification	CB, UL/EN62368	CB, UL/EN62368	CB, UL/EN62368	CB, UL/EN62368
EMI certification	FCC part 15, CE, EN55032	FCC part 15, CE, EN55032	FCC part 15, CE, EN55032	FCC part 15, CE, EN55032

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