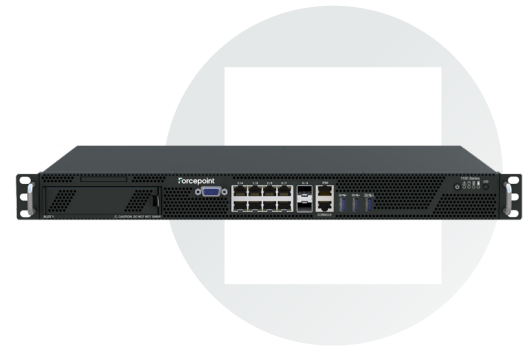## Next Generation Firewall

1100 Series

For regional offices, 50-60 Gbps firewall throughput

Branch offices, mid-sized organizations, and small data centers can connect directly to the cloud easily and affordably with the Forcepoint NGFW 1100 Series. It integrates full SD-WAN connectivity and strong security in a compact, 1U rack-mounted appliance that's managed at enterprise scale from Forcepoint's renowned Security Management Console (SMC).

Key Benefits

› 1U rack-mounted design

› Modular interfaces for customized expansion

› Multi-ISP SD-WAN and site-to-site Multi Link™ VPN connectivity

› Industry's most secure NGFW with anti-evasion IPS

› High-availability clustering

› Accelerated inspection of encrypted traffic

› Zero-touch deployment

› Access and security policy updates with just a few clicks

› Centralized management of 2,000 appliances on one pane of glass

› Integration with Forcepoint Web Security Cloud and CASB

› Optional Advanced Malware Detection sandboxing

› Optional URL Filtering powered by Forcepoint ThreatSeeker

Direct-to-cloud connectivity and security for digital transformation

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 technologies such as MPLS can no longer handle the load.

The Forcepoint NGFW 1100 Series provides the networking and security needed to safely connect mid-sized offices or small data centers directly to the Internet for maximum performance and productivity using the cloud. The 1100 Series' modular interfaces allow organizations to tailor the appliance to their exact connectivity needs.

Reduced costs and footprint with integrated SD-WAN and NGFW

The Forcepoint NGFW 1100 Series unites networking and security in a modular and space efficient 1U rackmount appliance. 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*.

It is centrally administered using the same Forcepoint Security Management Center (SMC) that controls up to 2000 physical, virtual and cloud appliances from a single pane of glass. With zero-touch deployment, Forcepoint NGFW devices throughout the world can be deployed quickly, without an on-site technician, and SMC enables access and security policies can be updated with just a few clicks.

Advanced clustering for high availability

Downtime is not an option for many organizations. That's why the Forcepoint NGFW 1100 Series offers advanced clustering that allows multiple appliances (including other Forcepoint NGFW models) to be used together to keep branch networks running even in the middle of firmware 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 chance of outages.

*Top security effectiveness score for three years in a row in NSS Labs NGFW Group Test

PERFORMANCE[1]	N1101	N1105
NGFW/NGIPS throughput (HTTP 21kB payload)	1.5 Gbps	3 Gbps
Max firewall throughput (UDP 1518 byte)	50 Gbps	60 Gbps
Max inspection throughput (UDP 1518 byte)	3 Gbps	6 Gbps
TLS 1.2 inspection performance (44kB payload)	800 Mbps	1.6 Gbps
IPsec VPN throughput AES-GCM-256	4.5 Gbps	8.5 Gbps
Concurrent IPsec VPN tunnels	20,000	
Mobile VPN clients	Unlimited	
Concurrent inspected TCP connections	500,000	1 million
Max number of concurrent inspected HTTP connections	450,000	1 million
VLAN tagging	Unlimited	
Virtual contexts default/maximum	5/25	10/100

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

PHYSICAL	N1101	N1105
Form factor	1RU	
Dimensions W x H x D	439 x 44 x 300 mm 17.28 x 1.73 x 11.81 in	
Net weight without modules	4.8 kg 10.58 lbs	
AC power supply	100 - 240 VAC 50 - 60 Hz, 180 W	
Typical power consumption	60 W	70 W
Max power consumption	95 W	100 W
Max BTU/hour	324	341
MTBF	100,000 hours	
Operating temperature	0° - 40° C, 32° - 104° F	
Storage temperature	-20° - 70° C, -4° - 158° F	
Relative humidity non-condensing	10% - 95%	
Safety certifications	CB, UL/EN60950, BSMI, CTICK, NOM	
EMI certifications	FCC Part 15, CE, EN55022, EN55024, VCCI-CISPR	

NETWORK INTERFACES	N1101 & N1105
Fixed Ethernet interfaces	8 x GE RJ45, 2 x 10Gbps SFP+
Gigabit Ethernet - copper ports	8-16
10 Gigabit Ethernet ports	2-6
Network I/O slots	1
Connectors	3 x USB, 1 x serial, VGA, IPMI Ethernet

ORDERING	N1101	N1105
Forcepoint NGFW 11XX Appliance	N1101	N1105
Forcepoint NGFW 11XX DC Appliance	N1101D	N1105D
URL Filtering for NGFW 11XX	FPURL4X	FPURL6X
Advanced Malware Detection for 11XX	FPAMD3X	FPAMD4X
Virtual context upgrade for 1101 (Up to 25)	FPVC25	
Virtual context upgrade for 1105 (Up to 100)		FPVC100
8 port GbE RJ45 module[2]	MOG8	
4 port GbE SFP module[2]	MOGF4	
2 port 10 GbE SFP+ RJ45 module[2]	MO102	
2 port GbE SFP+ module[2]	MO10F2	
4 port 10 GbE SFP+ module[2]	MOE10F4	
4 port GbE RJ45 bypass module[2]	MOG4B	
4 port GbE SX fiber bypass module[2]	MOGS4B	
2 port 10 GbE short reach bypass module[2]	MO10S2B	
2 port 10GbE long reach bypass module[2]	MO10L2B	
1100 Series fan	ACF1100	
1101 spare part Cfast (SLC)	ACM32	
1105 spare part Cfast (SLC)	ACM64	

2   See NGFW Module Datasheet for details on modules and supported SFPs

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