

Next Generation Firewall

2100 Series

For enterprise offices, 60-80 Gbps firewall throughput



Enterprise offices and small data centers requiring enhanced performance and scalability can connect directly to the cloud with the Forcepoint NGFW 2100 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 2100 Series provides the networking and security needed to safely connect enterprise offices or small data centers directly to the Internet for maximum performance and productivity using the cloud. The 2100 Series' modular interfaces offer up to ten 10-gigabit Ethernet ports and up to four 40-gigabit Ethernet ports, allowing organizations to tailor the appliance to their exact connectivity needs.

Reduced costs and footprint with integrated SD-WAN and NGFW

The Forcepoint NGFW 2100 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 2100 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

PERFORMANCE ¹	N2101	N2105
NGFW/NGIPS throughput (HTTP 21kB payload)	5 Gbps	7.5 Gbps
Max firewall throughput (UDP 1518 byte)	60 Gbps	80 Gbps
TLS 1.2 inspection performance (44kB payload)	3 Gbps	4 Gbps
IPsec VPN throughput AES-GCM-256	25 Gbps	30 Gbps
Concurrent IPsec VPN tunnels	30,000	40,000
Mobile VPN clients	Unlimited	
Concurrent inspected TCP connections	3 million	6 million
Max number of concurrent inspected HTTP connections	500,000	1.1 million
Max number of concurrent connections	18 million	20 million
New TCP connections/sec.	300,000	400,000
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	N2101	N2105
Form factor	1RU	
Dimensions W x H x D	426 x 44 x 450 mm 16.7 x 1.73 x 17.72 in	
Net weight without modules	8.6 kg 19 lbs	
AC power supply	100 - 240 VAC 50 - 60 Hz, 300 W + 300 W	
DC power supply option	-72 - -36 VDC 300 W + 300 W	
Redundant power supply	Option	Yes
Typical power consumption	130 W	
Max power consumption	285 W	320 W
Max BTU/hour	972	1,092
MTBF	100,000 hours	
Operating temperature	5 ° - 40° C, 41° - 104° F	
Storage temperature	-20° - 70° C, -4° - 158° F	
Relative humidity non-condensing	10% - 95%	
Safety certifications	CB, UL/EN60950, BSMI,NOM	
EMI certifications	FCC Part 15, CE, EN55022, EN55024	

NETWORK INTERFACES	N2101 & N2105
Fixed Ethernet interfaces	12x GE RJ45, 2x 10 Gbps SFP+
Gigabit Ethernet - copper ports	12-28
10 Gigabit Ethernet slots	2-10
40 Gigabit Ethernet slots	0-4
Network I/O slots	2
Connectors	3 x USB, 1 x serial, VGA, IPMI Ethernet

ORDERING	N2101	N2105
Forcepoint NGFW 21XX Appliance	N2101	N2105
URL Filtering for NGFW 21XX	FPURL8X	FPURL9X
Advanced Malware Detection for 2100 Series	FPAMD6X	
Virtual context upgrade for 21XX	FPVC25	FPVC100
8 port GbE RJ45 module ²	MOG8	
4 port GbE SFP module ²	MOGF4	
2 port 10 GbE RJ45 module ²	MO102	
2 port 10 GbE SFP+ module ²	MO10F2	
4 port 10 GbE SFP+ module ²	MOE10F4	
2 port 40 GbE QSFP module ²	MO40F2	
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 10 GbE long reach bypass module ²	MO10L2B	
2100 Series rack mounting kit	ACR1400	
2100 Series AC power supply	ACP1400	
2100 Series DC power supply ³	ACPD2100	
2100 Series fan	ACF2100	
21XX spare part Cfast (SLC)	ACM32	ACM64

² See NGFW Module Datasheet for details on modules and supported SFPs
³ Contact your Forcepoint sales representative to ask about local availability

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