

FORCEPOINT NGFW 2100 SERIES

Versatile, modular enterprise SD-WAN connectivity
and high security for small data centers



NGFW 2101 and NGFW 2105

Forcepoint NGFW 2100 Series appliances offer modular connectivity and protection with the performance needed for small data centers and medium-sized central networks. With up to ten 10-Gigabit Ethernet ports and up to four 40-Gigabit Ethernet ports, the 2100 Series can be used in mixed clusters of as many as 16 devices to deliver unrivaled high availability and fast access for VPNs and SD-WAN.

Forcepoint NGFW provides multiple layers of security. It has built-in IPS with anti-evasion defenses, accelerated encrypted inspection, file scanning, exploit detection, mission-critical application proxies and more. Forcepoint's cloud-assisted Advanced Malware Detection (sandboxing) and dynamic URL Filtering can be enabled in moments. Forcepoint's CASB, Web, Email and DLP Security serve as ideal complements for the ultimate level of protection.

All Forcepoint NGFW systems are administered via the Forcepoint NGFW Security Management Center (SMC). It provides centralized provisioning, rapid configuration and holistic monitoring of up to 2,000 devices in even the most distributed enterprise. SMC's high-level "Smart Policies" map business processes into security controls faster and more accurately than low-level firewall rules and enable changes to be made throughout the network in minutes. Fully customizable, interactive visualizations give administrators continuous 360° visibility to quickly identify and resolve incidents.



FEATURES	2101 & 2105	
Next Generation Firewall	1U, high-speed modular interfaces	✓
Enterprise SD-WAN	Multi-Link optimization	✓
High Availability	Appliance and network clustering	✓
Mobile VPN Clients	Unlimited, IPsec and SSL	✓
IPS	Full IPS capabilities with decryption	✓
Usage Control	By application, user, URL	✓
Encrypted Inspection	Accelerated, policy-controlled	✓
Security Proxies	SSH/SFTP, HTTP, HTTPS, TCP, UDP, TFTP, FTP, DNS	✓
Anti-Bot	Command and Control channel multi-method detection	✓
Anti-Virus	Reputation and local AV scan	✓
URL Filtering	More than 120 dynamic Web security and content categories	Optional
Advanced Malware Detection	Cloud-based and on-premises zero day sandboxing	Optional

Key Benefits

- ▶ **1U rack-mounted design**
Efficient use of space and power
- ▶ **Gigabit Ethernet and modular interfaces**
High performance connectivity that adapts to network changes
- ▶ **Active-active, mixed clustering**
High availability with higher performance and reuse of older devices
- ▶ **Multi-Link SD-WAN clustering of broadband and leased lines**
Resilient connectivity and lower cost
- ▶ **Built-in VPN, IPS, NGFW and encrypted traffic control**
Strong and fast security that doesn't require extra licenses or equipment
- ▶ **Sidewinder mission-critical application proxies**
High-assurance security for sensitive applications and networks
- ▶ **URL Filtering and Advanced Malware Detection options**
Consolidated security that removes gaps and simplifies operations
- ▶ **Enhanced Web Security powered from the cloud**
Policy-based traffic forwarding for advanced protection on the web
- ▶ **Centralized management by enterprise or MSSP**
Low TCO and less IT staff burden



Specifications

PERFORMANCE ¹	2101	2105
NGFW/NGIPS Throughput (HTTP 21 kB payload)	5 Gbps	7.5 Gbps
Maximum Firewall Throughput (UDP 1518 byte)	60 Gbps	80 Gbps
Maximum Inspection Throughput (UDP 1518 byte)	12 Gbps	15 Gbps
TLS (1.2) Inspection Performance (44kB payload)	3 Gbps	4 Gbps
IPsec VPN Throughput (AES-GCM-256)	13 Gbps	16 Gbps
Concurrent IPsec VPN Tunnels	30,000	40,000
Mobile VPN Clients	Unlimited	
Concurrent Inspected TCP Connections	3 Million	6 Million
Maximum Number of Concurrent Inspected HTTP Connections	500,000	1.1 Million
Maximum 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

NETWORK INTERFACES	2101	2105
Fixed Ethernet Interfaces	12 x GE RJ45, 2 x 10Gbps SFP +	
Gigabit Ethernet — Copper Ports	12-28	
10 Gigabit Ethernet ports	2-10	
40 Gigabit Ethernet ports	0-4	
Network I/O Slots	2	
Connectors	3 x USB, 1 x serial, VGA, IPMI Ethernet	

ORDERING	PART #
NGFW 2101 Appliance	N2101
NGFW 2105 Appliance	N2105
OPTIONAL SUBSCRIPTIONS	
NGFW URL Filtering for 2101	FPURL8X
NGFW URL Filtering for 2105	FPURL9X
Advanced Malware Detection – NGFW 2100 Series	FPAMD6X
Virtual Contexts upgrade for NGFW 2101 (5-25)	FPVC25
Virtual Contexts upgrade for NGFW 2105 (10-100)	FPVC100
NETWORKING MODULES ²	
2 Port 40 Gigabit Ethernet QSFP Module	MO40F2
2 Port 10 Gigabit Ethernet SFP+ Module	MO10F2
4 port 10 Gigabit Ethernet SFP+ Module revision 2	MOE10F4
2 Port 10 Gigabit Ethernet RJ45 Module	MO102
4 Port Gigabit Ethernet SFP Module	MOGF4
8 Port Gigabit Ethernet RJ45 Module	MOG8
2 Port 10 Gigabit Ethernet Long Reach Bypass Module	MO10L2B
2 Port 10 Gigabit Ethernet Short Reach Bypass Module	MO10S2B
2 Port 10 Gigabit Ethernet Long Reach Bypass Module	MO10L2B
4 Port Gigabit Ethernet Bypass RJ45 Module	MOG4B
4 Port Gigabit Ethernet Bypass SX Fiber Module	MOGS4B
ACCESSORIES	
AC Power Supply	ACP1400
2101 Spare part Cfast (SLC)	ACM32
Rack Mounting Kit	ACR1400



Specifications

PHYSICAL	2101	2105
Form Factor	1RU	
Dimensions (W x H x D)	426 x 44 x 450mm 16.7 x 1.73 x 17.72in	
Net Weight (Without Modules)	8.6 kg 19 lbs.	
AC Power Supply	100–240 VAC 50–60 Hz, 300W + 300W	
DC Power Supply Option	-72 – -36 VDC, 300W + 300W	
Redundant Power Supply	Option	Yes
Typical Power Consumption	130 W	
Maximum Power Consumption	285 W	320 W
Maximum BTU/hr.	972	1092
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, NOM, BSMI	
EMI Certifications	FCC part 15, CE, EN55022, EN55024	

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

2 See [NGFW Module Datasheet](#) for details on modules and supported SFPs

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