

# FORCEPOINT NGFW 2100 SERIES

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



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	
<b>Next Generation Firewall</b>	1U, high-speed modular interfaces	✓
<b>Enterprise SD-WAN</b>	Multi-Link optimization	✓
<b>High Availability</b>	Appliance and network clustering	✓
<b>Mobile VPN Clients</b>	Unlimited, IPsec and SSL	✓
<b>IPS</b>	Full IPS capabilities with decryption	✓
<b>Usage Control</b>	By application, user, URL	✓
<b>Encrypted Inspection</b>	Accelerated, policy-controlled	✓
<b>Security Proxies</b>	SSH/SFTP, HTTP, HTTPS, TCP, UDP, TFTP, FTP, DNS	✓
<b>Anti-Bot</b>	Command and Control channel multi-method detection	✓
<b>Anti-Virus</b>	Reputation and local AV scan	✓
<b>URL Filtering</b>	More than 120 dynamic Web security and content categories	Optional
<b>Advanced Malware Detection</b>	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 & 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 <sup>1</sup>	2101	2105
<b>NGFW/NGIPS Throughput</b> (HTTP 21 kB payload)	5 Gbps	7.5 Gbps
<b>Maximum Firewall Throughput</b> (UDP 1518 byte)	60 Gbps	80 Gbps
<b>Maximum Inspection Throughput</b> (UDP 1518 byte)	12 Gbps	15 Gbps
<b>TLS (1.2) Inspection Performance</b> (44kB payload)	3 Gbps	4 Gbps
<b>IPsec VPN Throughput</b> (AES-GCM-256)	13 Gbps	16 Gbps
<b>Concurrent IPsec VPN Tunnels</b>	30,000	40,000
<b>Mobile VPN Clients</b>	Unlimited	
<b>Concurrent Inspected TCP Connections</b>	3 Million	6 Million
<b>Maximum Number of Concurrent Inspected HTTP Connections</b>	500,000	1.1 Million
<b>VLAN Tagging</b>	Unlimited	
<b>Virtual Contexts</b> (default/maximum)	5/25	10/100

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

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



## Specifications

PHYSICAL	2101	2105
<b>Form Factor</b>	1RU	
<b>Dimensions</b> (W x H x D)	426 x 44 x 450mm	437 x 89 x 450mm
16.77 x 1.73 x 17.72in	12.4 kg 27.3 lbs.	
<b>Net Weight</b> (Without Modules)	8.6 kg	
<b>19 lbs.</b>	-72 – -36 VDC, 650 W + 650 W	
<b>AC Power Supply</b>	100–240 VAC 50–60 Hz, 300W + 300W	
<b>DC power supply option</b>	-72 – -36 VDC, 300W + 300W	400 W
<b>Redundant power supply</b>	Option	yes
<b>Typical Power Consumption</b>	130 W	1706
<b>Maximum Power Consumption</b>	300 W	330 W
<b>Maximum BTU/hr.</b>	682	
<b>MTBF</b>	100,000 hours	
<b>Operating Temperature</b>	5–+40°C +41–+104°F	
<b>Storage Temperature</b>	-20–+70°C -4–+158°F	
<b>Relative Humidity</b> (Non-Condensing)	10%–95%	
<b>Safety Certifications</b>	CB, UL/EN60950, NOM, BSMI	
<b>EMI Certifications</b>	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

**CONTACT**  
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