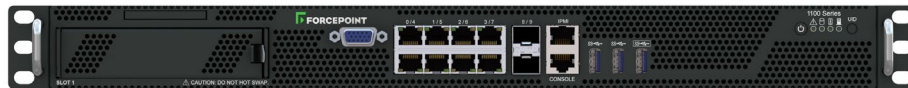


FORCEPOINT NGFW 1100 SERIES

High-availability enterprise SD-WAN connectivity for office environments



NGFW 1101 and NGFW 1105

Forcepoint NGFW 1100 Series appliances offer modular SD-WAN connectivity and protection to boost the performance and productivity of branch offices, mid-sized organizations and small data centers. The 1100 Series combines networking and security features like SD-WAN multi-link optimization, a layer 3 firewall and VPN with secure routing, a NAT and VPN gateway, a layer 2 IDS and an inline IPS. It 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 enterprises. 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	1101 & 1105	
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

- ▶ **Modular, 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**
Lower TCO and less IT staff burden



Specifications

PERFORMANCE ¹	1101	1105
NGFW/NGIPS Throughput (HTTP 21 kB payload)	1.5 Gbps	3 Gbps
Maximum Firewall Throughput (UDP 1518 byte)	50 Gbps	60 Gbps
Maximum 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
Maximum Number of Concurrent Inspected HTTP Connections	450,000	1 Million
Maximum Number of Concurrent Connections	7.5 Million	12 Million
New TCP Connections/sec.	100,000	200,000
VLAN Tagging	Unlimited	
Virtual Contexts (default/maximum)	5/25	10/100

NETWORK INTERFACES	1101 & 1105
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	PART #
Forcepoint NGFW 1101 Appliance, AC power supply	N1101
Forcepoint NGFW 1105 Appliance, AC power supply	N1105
OPTIONAL SUBSCRIPTIONS	
URL Filtering Feature Pack for NGFW 1101	FPURL4X
URL Filtering Feature Pack for NGFW 1105	FPURL6X
Advanced Malware Detection – NGFW 1101	FPAMD3X
Advanced Malware Detection – NGFW 1105	FPAMD4X
Virtual Context Upgrade – NGFW 1101 (5-25)	FPVC25
Virtual Context Upgrade – NGFW 1105 (10-100)	FPVC100
NETWORKING MODULES ²	
4 Port Gigabit Ethernet SFP Module	MOGF4
8 Port Gigabit Ethernet RJ45 Module	MOG8
2 Port 10 Gigabit Ethernet RJ45 Module	MO102
2 Port 10 Gigabit Ethernet SFP+ Module	MO10F2
4 Port 10 Gigabit Ethernet SFP+ Module	MOE10F4
4 Port Gigabit Ethernet SX Fiber Bypass Module	MOGS4B
4 Port Gigabit Ethernet Bypass RJ45 Module	MOG4B
2 Port 10 Gigabit Ethernet Long Reach Bypass Module	MO10L2B
2 Port 10 Gigabit Ethernet Short Reach Bypass Module	MO10S2B
ACCESSORIES	
1101 Spare part Cfast (SLC)	ACM32



Specifications

PHYSICAL	1101	1105
Form Factor	1RU	
Dimensions (W x H x D)	439 x 44 x 300mm 17.28 x 1.73 x 11.81in	
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
Maximum Power Consumption	95 W	100 W
Maximum BTU/hr.	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	

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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