

Protecting the human point.

# FORCEPOINT NGFW 1100 Series

HIGH-AVAILABILITY, FULL FUNCTIONALITY FIREWALL FOR MID-SIZE OFFICE ENVIRONMENTS



## NGFW 1100 Series

Forcepoint NGFW 1100 Series appliances offer modular connectivity and no-compromise, full-featured security. The 1100 series combines key security and networking functions into one device: layer 2 intrusion detection, inline intrusion protection, layer 3 firewall with NAT, and IPsec VPN gateway, reducing footprint and simplifying management. It can be used in mixed clusters of up to 16 devices to deliver unrivaled high availability and scalable throughput.

Forcepoint NGFWs provide multiple layers of security. The built-in IPS incorporates anti-evasion defenses, accelerated encrypted traffic inspection, file scanning, exploit detection, mission-critical application proxies and more. Forcepoint's Advanced Malware Detection (sandboxing) and dynamic URL filtering are also available.

Forcepoint NGFWs are administered via the Forcepoint NGFW Security Management Center (SMC), offering both centralized appliance management and holistic security monitoring of up to 2,000 devices in a single management tool. The SMC's Smart Policies feature enables faster and more natural mappings of business processes into security controls 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 across all appliances in all locations, enabling incidents to be quickly identified and resolved.

## Key Benefits

- ▶ **1U rack-mounted design**  
Less space and simpler operations and management
- ▶ **Gigabit Ethernet and modular interfaces**  
High performance connectivity
- ▶ **Active-active, mixed clustering**  
High availability with higher performance and reuse of older devices
- ▶ **Multi-Link network clustering of broadband & leased lines**  
High availability with scalable performance and support for previous generation appliances
- ▶ **Built-in VPN, IPS, NGFW, and encrypted traffic control**  
Strong, fast security that doesn't require extra licenses or consoles
- ▶ **Sidewinder mission-critical application proxies**  
Broader visibility of protocol traffic
- ▶ **URL filtering and advanced malware detection options**  
Consolidated security in a single platform
- ▶ **Centralized management by enterprise or MSSP**  
Lower TCO through increased efficiency

| FEATURES                          | 1101 & 1105   |          |
|-----------------------------------|---|----------|
| <b>Next Generation Firewall</b>   | 1U, high-speed modular interfaces                         | ✓        |
| <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-premise zero-day sandboxing            | Optional |



| PERFORMANCE   | 1101        | 1105       |
|---|-------------|------------|
| <b>NGFW Throughput</b><br>(HTTP 21 kB payload)          | 1.5 Gbps    | 3 Gbps     |
| <b>Maximum Firewall Throughput</b><br>(UDP 1518 byte)   | 50 Gbps     | 60 Gbps    |
| <b>Maximum Inspection Throughput</b><br>(UDP 1518 byte) | 3 Gbps      | 6 Gbps     |
| <b>SSL Inspection (AES-256)</b>                         | 600 Mbps    | 1 Gbps     |
| <b>Inspected Concurrent Connections</b>                 | 500,000     | 1 million  |
| <b>IPsec VPN Throughput</b><br>(AES-256-GCM)            | 3.2 Gbps    | 6.8 Gbps   |
| <b>IPsec VPN Tunnels</b>                                | 20,000      |            |
| <b>Mobile VPN Clients</b>                               | Unlimited   |            |
| <b>Concurrent Connections</b><br>(No Inspection)        | 7.5 million | 21 million |
| <b>New TCP Connections/sec.</b><br>(No Inspection)      | 100,000     | 200,000    |
| <b>64-Byte Packets/sec.</b><br>(No Inspection)          | 7 million   | 15 million |
| <b>VLAN Tagging</b>                                     | Unlimited   |            |
| <b>Virtual Contexts</b><br>(default/maximum)            | 5/25        | 10/100     |

| PHYSICAL                                  | 1101                                       | 1105                   |
|---|--|------------------------|
| <b>Form Factor</b>                        | 1RU  |                        |
| <b>Dimensions (W x H x D)</b>             | 439 x 44 x 300mm<br>17.28 x 1.73 x 11.81in |                        |
| <b>Net Weight (Without Modules)</b>       | 4.8 kg<br>10.58 lbs.                       |                        |
| <b>AC Power Supply</b>                    | 100–240 VAC 50–60 Hz, 180 W                |                        |
| <b>DC power supply option</b>             | -72 – -36 VDC, 200W dual feed              |                        |
| <b>Redundant power supply</b>             | DC with Dual feed                          |                        |
| <b>Typical Power Consumption</b>          | 60 W                                       | 70 W                   |
| <b>Maximum Power Consumption</b>          | 95 W                                       | 100 W                  |
| <b>Maximum BTU/hr.</b>                    | 324  | 341                    |
| <b>MTBF</b>                               | 100,000 hours                              |                        |
| <b>Operating Temperature</b>              | 0–+40°C +32–+104°F                         |                        |
| <b>Storage Temperature</b>                | -20–+70°C<br>-4–+158°F                     | -20–+75°C<br>-4–+167°F |
| <b>Relative Humidity (Non-Condensing)</b> | 10%–95%                                    |                        |
| <b>Safety Certifications</b>              | CB, UL/EN60950, BSMI, CTICK, CCC, NOM      |                        |
| <b>EMI Certifications</b>                 | FCC part 15, CE, EN55022, EN55024          |                        |

| NETWORK INTERFACES                     | 1101                               | 1105 |
|--|------------------------------------|------|
| <b>Fixed Ethernet Interfaces</b>       | 8 x GE RJ45<br>2 x 10Gbps SFP+     |      |
| <b>Gigabit Ethernet — Copper Ports</b> | 8-16                               |      |
| <b>10 Gigabit Ethernet ports</b>       | 2-6                                |      |
| <b>Network I/O Slots</b>               | 1                                  |      |
| <b>Connectors</b>                      | 3 x USB, 1 x serial, IPMI, console |      |

| ORDERING  | PART #  |
|---|---------|
| <b>Forcepoint NGFW 1101 Appliance, AC power supply</b>      | N1101   |
| <b>Forcepoint NGFW 1101 Appliance, DC power supply</b>      | N1101D  |
| <b>Forcepoint NGFW 1105 Appliance, AC power supply</b>      | N1105   |
| <b>Forcepoint NGFW 1105 Appliance, DC power supply</b>      | N1105D  |
| <b>OPTIONAL SUBSCRIPTIONS</b>                               |         |
| <b>URL Filtering Feature Pack for NGFW 1101</b>             | FPURL4  |
| <b>URL Filtering Feature Pack for NGFW 1105</b>             | FPURL6  |
| <b>Advanced Malware Detection – NGFW 1101</b>               | FPAMD3  |
| <b>Advanced Malware Detection – NGFW 1105</b>               | FPAMD4  |
| <b>Virtual Contexts upgrade for NGFW 1101 (5-25)</b>        | FPVC25  |
| <b>Virtual Contexts upgrade for NGFW 1105 (10-100)</b>      | FPVC100 |
| <b>NETWORKING MODULES<sup>1</sup></b>                       |         |
| <b>4 Port Gigabit Ethernet SFP Module</b>                   | MOGF4   |
| <b>8 Port Gigabit Ethernet RJ45 Module</b>                  | MOG8    |
| <b>2 Port 10 Gigabit Ethernet RJ45 Module</b>               | MO102   |
| <b>2 Port 10 Gigabit Ethernet SFP+ Module</b>               | MO10F2  |
| <b>4 Port 10 Gigabit Ethernet SFP+ Module</b>               | MOE10F4 |
| <b>4 Port Gigabit Ethernet SX Fiber Bypass Module</b>       | MOGS4B  |
| <b>4 Port Gigabit Ethernet Bypass RJ45 Module</b>           | MOG4B   |
| <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>ACCESSORIES</b>  |         |
| <b>1101 Spare part Cfast (SLC)</b>                          | ACM32   |
| <b>1105 Spare part Cfast (SLC)</b>                          | ACM64   |

<sup>1</sup> See **NGFW Module Datasheet** for details on modules and supported SFPs

**CONTACT**  
[www.forcepoint.com/contact](http://www.forcepoint.com/contact)

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