

Forcepoint Network Security Platform 2300 Series

For mid-size and large offices, Next-Generation Firewall throughput up to 37 Gbps



Key Benefits:

- › 1U rack-mounted design
- › Modular interfaces for customized expansion
- › Multi-ISP SD-WAN and site-to-site Multi-Link™ connectivity
- › Industry's most secure NGFW with anti-evasion IPS
- › High-availability clustering
- › Encrypted traffic inspection with acceleration
- › Zero-touch deployment
- › Access and security policy updates with just a few clicks
- › Centralized management for thousands of appliances
- › Integration with Forcepoint Remote Browser Isolation (RBI) and Advanced Malware Detection and Protection (AMDP)
- › Optional URL filtering powered by Forcepoint ThreatSeeker

Mid-size and large offices requiring enhanced performance and scalability can connect directly to the cloud with the Forcepoint Network Security Platform 2300 Series. It integrates full SDWAN connectivity and strong security in a compact, 1U rackmounted appliance that's managed at enterprise scale from Forcepoint's renowned Security Management Center (SMC).

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, like MPLS, can't handle the demand.

The Forcepoint Network Security Platform 2300 Series provides the networking and security needed to safely connect mid-size and large offices or small data centers directly to the internet for maximum performance and productivity using the cloud. The 2300 Series' modular interfaces offer up to twenty 10 Gb Ethernet ports and up to eight 25 Gb Ethernet ports, or organizations can tailor the appliance to their exact connectivity needs.

Reduced cost and footprint with a combined SD-WAN, NGFW, VPN with flexible connectivity in one solution

The Forcepoint Network Security Platform 2300 Series unites networking and security in a modular and space-efficient 1U rackmount appliance. It integrates multi-ISP SDWAN connectivity, site-to-site Multi-Link™ VPN and high-availability clustering with the industry's strongest Next-Generation Firewall (NGFW) and Intrusion Prevention System (IPS).

Like all Forcepoint Network Security Platform appliances, physical as well as virtual, the Forcepoint NGFW 2300 Series is centrally administered using the SMC. Firewalls can be deployed throughout the world quickly, without an on-site technician, and updated with just a few clicks.

Advanced clustering for high availability

Every minute an organization is offline costs money. Downtime is not an option. That's why the Forcepoint 2300 Series offers advanced clustering that allows multiple appliances (including other Forcepoint Network Security Platform models) to be used together to keep remote sites running even in the middle of software updates or hardware failure. Native SD-WAN traffic management enables links from more than one ISP to be used at the same time to further reduce the risk of outages. Redundancy in the management console and log services enables global deployments and helps to ensure your business stays connected securely, even during unexpected interruptions.

PERFORMANCE ¹	2301	2305	2310
NGFW/NGIPS throughput (HTTP 64kB payload)	14 Gbps	22 Gbps	37 Gbps
Max firewall throughput (UDP 1518 byte payload)	130 Gbps	138 Gbps	145 Gbps
Max inspection throughput (UDP 1518 byte payload)	9 Gbps	16 Gbps	20 Gbps
Threat prevention throughput	7 Gbps	12 Gbps	19 Gbps
TLS 1.2 inspection (44kB payload)	3 Gbps	5 Gbps	8 Gbps
IPsec VPN AES-GCM-256	40 Gbps	70 Gbps	85 Gbps
Max concurrent IPsec VPN SAs	70,000	130,000	180,000
Mobile VPN clients	Unlimited		
Max number of concurrent inspected HTTP connections	0.5 million	1.0 million	1.1 million
Max number of concurrent connections	30 million	70 million	
New TCP connections/sec	0.4 million	1.0 million	1.4 million
VLAN tagging	Unlimited		
Virtual contexts default/max ²	10 / 100		

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

² Licensed maximum, usable maximum depends on the configuration

PHYSICAL	2301	2305	2310
Regulatory model number	APP- 2301C1	APP- 2305C1	APP- 2310C1
Form factor	1U		
Dimensions (W x H x D)	438 x 44 x 420 mm, 17.2 x 1.7 x 16.5 in		
Net weight without modules	6.75 kg, 14.9 lbs		7.50 kg, 16.5 lbs
Weight of appliance, default power supplies + package	12.60 kg, 27.78 lbs		13.25 kg, 29.21 lbs
AC power supply	100-240V~, 50-60Hz		
DC power supply option	-48V, 800W		
Redundant power supply	Option		Standard
Typical power consumption	110 W	150 W	180 W
Max power consumption	300 W		
Max BTU/hour	1024		
MTBF (hours)	100,000		
Operating temperature	+0–+40°C (+32–+104°F)		
Storage temperature	-20–+70°C (-4–+158°F)		
Relative humidity non-condensing	max 85 %		
Regulatory	UL, CB, CE, FCC, VCCI, EMC RCM, RoHS, REACH		

NETWORK INTERFACES	2301	2305	2310
Fixed Ethernet interfaces	10 x 1 GE RJ45, 4 x 10 GE SFP+		
Modular networking slots	2		
1 Gigabit Ethernet ports	0 to 16		
10 Gigabit Ethernet slots	0 to 16		
25 Gigabit Ethernet slots	0 to 8		
40 Gigabit Ethernet slots	0 to 4		
100 Gigabit Ethernet ports	0 to 2		
Connectors	2 USB, 1 serial, IPMI Ethernet, VGA		

ORDERING	2301	2305	2310
NGFW appliance	N2301	N2305	N2310
Appliance Spare Unit	N2301SPU	N2305SPU	N2310SPU
Hardware Warranty Upgrade - NBD	NWN		
Hardware Warranty Upgrade - NBD - Keep-The-Box	NWNK		
Hardware Warranty Upgrade - Same Day	NWS		
URL filtering	FPURL8X	FPURL9X	FPURL10X
Advanced Malware Detection and Protection *	AMDPFWS, AMDPFWM, AMDPFWL, AMDPFWXL, AMDPFWXXL		
Additional Virtual Contexts (25)	FPVC25		
Additional Virtual Contexts (100)	FPVC100		
SFP+ Fiber Transceiver 10 Gigabit Ethernet Short Reach	SFP10SR		
SFP+ Fiber Transceiver 10 Gigabit Ethernet Long Reach	SFP10LR		
SFP+ Copper Transceiver 10 Gigabit Ethernet	SFP10T		
SFP Copper Transceiver Gigabit Ethernet RJ45	SFPGETX		
SFP Fiber Transceiver Gigabit Ethernet SX Short Reach	SFPGESX		
SFP Fiber Transceiver Gigabit Ethernet LX Long Reach	SFPGELX		
8 Port Gigabit Ethernet RJ45 Module	MODG8		
8 Port Gigabit Ethernet SFP Module	MODGF8		
4 Port 10 Gigabit Ethernet SFP+ Module	MOD10F4		
8 Port 10 Gigabit Ethernet SFP+ Module	MOD10F8		
2 Port 25 Gigabit Ethernet SFP28 Module	MOD25F2		
4 Port 25 Gigabit Ethernet SFP28 Module	MOD25F4		
2 Port 40 Gigabit Ethernet QSFP+ Module	MOD40F2		
1 port 100 Gigabit Ethernet QSFP28	MOD40F2		
8 Port Gigabit Ethernet RJ45 Bypass Module	MODG8B		
4 Port Gigabit Ethernet SX Fiber Bypass Module	MODGS4B		
4 Port 10 Gigabit Ethernet Long Reach Bypass Module	MOD10L4B		
4 Port 10 Gigabit Ethernet Short Reach Bypass Module	MOD10S4B		
2 Port 40 Gigabit Ethernet MPO Bypass Module	MOD40F2B		
2200 / 2300 Series AC Power Supply	ACPA2200		
2200 / 2300 / 3400 Series DC Power Supply	ACPD3400		
2200 / 2300 Series Rack Mounting Kit (sliding brackets)	ACR2200		
2300 series spare part SSD	ACD2300		

* Contact your sales representative for suitable AMDP sandbox sizing
See module datasheet for details on modules and supported SFPs.