

FORCEPOINT Network Security Appliances

Connect and protect your people and their data

APPLIANCE SPECIFICATIONS	N110/ N115	N330	N331	N335/ N335W	N1101	N1105	N2101	N2105	N3301	N3305	N6205
Performance¹											
NGFW/NGIPS Throughput (HTTP 21 kB payload)	150 Mbps	350 Mbps	700 Mbps	1,000 Mbps	1.5 Gbps	3 Gbps	5 Gbps	7.5 Gbps	9 Gbps	15 Gbps	22 Gbps
Max Firewall Throughput (UDP 1518 byte)	1.5 Gbps	4 Gbps	5 Gbps	7 Gbps	50 Gbps	60 Gbps	60 Gbps	80 Gbps	80 Gbps	160 Gbps	240 Gbps
Max Inspection Throughput (UDP 1518 byte)	400 Mbps	1 Gbps	1.8 Gbps	2.5 Gbps	3 Gbps	6 Gbps	12 Gbps	15 Gbps	23 Gbps	27 Gbps	33 Gbps
TLS (1.2) Inspection Throughput (44kB payload)	80 Mbps	200 Mbps	400 Mbps	550 Mbps	800 Mbps	1.6 Gbps	3 Gbps	4 Gbps	5.2 Gbps	8 Gbps	9.5 Gbps
IPsec VPN Throughput (AES-GCM-256)	600 Mbps	1.4 Gbps	2 Gbps	3 Gbps	4.5 Gbps	8.5 Gbps	13 Gbps	16 Gbps	18 Gbps	20 Gbps	22 Gbps
Concurrent IPsec VPN Tunnels	2,000	10,000	20,000	20,000	20,000	20,000	30,000	40,000	200,000	200,000	200,000
Mobile VPN Clients	max 25	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Concurrent Inspected TCP Connections	100,000	100,000	200,000	200,000	500,000	1 million	3 million	6 million	12 million	15 million	15 million



Forcepoint NGFW Appliances

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Max Current Inspected HTTP Connections	23,000	50,000	150,000	150,000	450,000	1 million	500,000	1.1 million	2.5 million	5 million	5.5 million
Max Concurrent Connections	1 million	2.9 million	7 million	7 million	7.5 Million	12 Million	18 Million	20 Million	30 Million	50 Million	60 Million
New TCP Connections/ sec.	10,000	40,000	70,000	80,000	100,000	200,000	300,000	400,000	500,000	650,000	800,000
VLAN Tagging	unlimited ²	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Virtual Contexts (default-max)	—	3-3	3-3	3-3	5-25	10-100	5-25	10-100	10-100	25-250	25-250
Features											
Anti-Malware (File reputation & AV)	Yes (File Rep. Only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
URL Filtering	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Advanced Malware Detection	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Web Security Cloud Service Chaining	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPS Inspection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Application Control (SSH/ SFTP, HTTP, HTTPS, TCP, UDP, TFTP, FTP, DNS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Endpoint context	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SD-WAN Multi-Link Optimization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



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Performance											
Server Load Balancing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Clustering	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Network Interfaces											
Fixed Ethernet interfaces	10 x GE RJ45	8 x GE RJ45	8 x GE RJ45	8 x GE RJ45	8 x GE RJ45, 2 x 10Gbps SFP+	8 x GE RJ45, 2 x 10Gbps SFP+	12 x GE RJ45, 2 x 10Gbps SFP+	12 x GE RJ45, 2 x 10Gbps SFP+	2 x GE RJ45	2 x GE RJ45, 1x 40Gbps QSFP+	2 x GE RJ45, 1x 40Gbps QSFP+
Gigabit Ethernet copper ports	10 / 10 to 14	8	8	8 to 16	8 to 16	8 to 16	12 to 28	12 to 28	2 to 34	2 to 34	2 to 66
10 Gigabit Ethernet ports	0	0	0	0	2 to 6	2 to 6	2 to 10	2 to 10	0 to 16	0 to 16	0 to 32
40 Gigabit Ethernet ports	0	0	0	0	0	0	0 to 4	0 to 4	0 to 8	1 to 9	1 to 17
Network I/O slots	0 / 1 mini module	0	0	2 mini modules	1	1	2	2	4	4	8
Connectors	2 x USB, 1 x serial, Wireless ³ (N115 only)	3 x USB, 1 x serial	3 x USB, 1 x serial	3 x USB, 1 x serial, Wireless ³ (N335W only)	3 x USB, 1 x serial, IPMI Ethernet, VGA	3 x USB, 1 x serial, IPMI Ethernet, VGA	3 x USB, 1 x serial, IPMI Ethernet, VGA	3 x USB, 1 x serial, IPMI Ethernet, VGA	4 x USB, 1 x serial, VGA, IPMI Ethernet	4 x USB, 1 x serial, VGA, IPMI Ethernet	4 x USB, 1 x serial, VGA, IPMI Ethernet
Physical											
Form Factor	Desktop	Desktop ⁴	Desktop ⁴	Desktop ⁴	1RU	1RU	1RU	1RU	2RU	2RU	4RU
Dimensions (WxHxD)	242 x 55 x 198mm 9.52 x 2.17 x 7.80in	305 x 44 x 196mm 12.01 x 1.73 x 7.72in	305 x 44 x 196mm 12.01 x 1.73 x 7.72in	305 x 44 x 247mm 12.01 x 1.73 x 9.72in	439 x 44 x 300mm 17.28 x 1.73 x 11.81in	439 x 44 x 300mm 17.28 x 1.73 x 11.81in	426 x 44 x 450mm 16.7 x 1.73 x 17.72in	426 x 44 x 450mm 16.7 x 1.73 x 17.72in	450 x 89 x 450mm 17.7 x 3.5 x 17.7in	437 x 89 x 450mm 17.2 x 3.5 x 17.7in	489 x 177 x 450mm 19.25 x 6.97 x 17.72in



Forcepoint NGFW Appliances

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Net Weight (without modules)	1.1 kg, 2.43 lbs / 1.2 kg, 2.65 lbs	2.1 kg, 4.63 lbs	2.1 kg, 4.63 lbs	2.3 kg, 5.07 lbs / 2.4 kg, 5.29 lbs	4.8 kg, 10.58 lbs	4.8 kg, 10.58 lbs	8.6 kg, 19 lbs	8.6kg, 19 lbs	12.4 kg, 27.3 lbs	12.4 kg, 27.3 lbs	20 kg, 44.1 lbs
AC Power Supply	100–240 VAC 50–60 Hz, 36 W	100–240 VAC 50–60 Hz, 65 W	100–240 VAC 50–60 Hz, 65 W	100–240 VAC 50–60 Hz, 65 W	100–240 VAC 50–60 Hz, 180 W	100–240 VAC 50–60 Hz, 180 W	100–240 VAC, 50–60 Hz, 300 W + 300 W	100–240 VAC, 50–60 Hz, 300 W + 300 W	100–240 VAC 50–60 Hz, 650 W + 650 W	100–240 VAC 50–60 Hz, 650 W + 650 W	100–240 VAC, 50–60 Hz, 820 W + 820 W
DC Power Supply Option	—	—	—	—	—	—	-72 – -36 VDC, 300 W + 300 W	-72 – -36 VDC, 300 W + 300 W	-72 – -36 VDC, 650 W + 650 W	-72 – -36 VDC, 650 W + 650 W	-72 – -36 VDC, 820 W + 820 W
Redundant Power Supply	—	Option	Option	Option	—	—	Option	Yes	Yes	Yes	Yes
Typical Power Consumption	15 W / 18 W	25 W	27W	30 W / 35 W	60 W	70 W	130 W	130 W	350 W	400 W	420 W
Max Power Consumption	32 W / 38 W	36 W	38 W	50 W / 55 W	95 W	100 W	285 W	320 W	450 W	500 W	900 W
Max BTU/hr	109 / 130	123	130	171 / 188	324	341	972	1,092	1,536	1,706	3,071
MTBF (hr.)	120,000	150,000	150,000	150,000	100,000	100,000	100,000	100,000	100,000	100,000	80,000
Operating Temperature	5–+40°C (+41–+104°F)	0–+45°C (+32–+113°F)	0–+45°C (+32–+113°F)	0–+45°C (+32–+113°F)	0–+40°C (+32–+104°F)	0–+40°C (+32–+104°F)	5–+40°C (+41–+104°F)	5–+40°C (+41–+104°F)	5–+40°C (+41–+104°F)	5–+40°C (+41–+104°F)	5–+40°C (+41–+104°F)
Storage Temperature	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-20–+70°C (-4–+158°F)	-40–+70°C (-4–+158°F)
Relative Humidity (non-condensing)	10%–90%	10%–90%	10%–90%	10%–90%	10%–95%	10%–95%	10%–95%	10%–95%	8%–90%	8%–90%	8%–90%



APPLIANCE SPECIFICATIONS	N110/ N115	N330	N331	N335/ N335W	N1101	N1105	N2101	N2105	N3301	N3305	N6205
Safety Certifications	CB, UL/ EN60950	CB, UL/ EN60950	CB, UL/ EN60950	CB, UL/ EN60950	CB, UL/ EN60950, BSMI, CTICK, NOM	CB, UL/ EN60950, BSMI, CTICK, NOM	CB, UL/ EN60950, NOM, BSMI	CB, UL/ EN60950, NOM, BSMI	CB, UL/ EN60950, NOM	CB, UL/ EN60950, NOM	CB, UL/ EN60950, NOM
EMI Certifications	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024, VCCI-CISPR	FCC part 15, CE, EN55022, EN55024, VCCI-CISPR	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024, VCCI, AZ/NZS, BSMI, MSIP	FCC part 15, CE, EN55022, EN55024, VCCI, AZ/NZS, BSMI, MSIP	FCC part 15, CE, EN55022, EN55024, VCCI, AZ/NZS, BSMI, MSIP

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

² Tagging is not available with switch ports 2-9.

³ Support IEEE802.11 ac/a/b/g/n

⁴ Optional rack mounting kit available



Forcepoint NGFW Appliances

VIRTUAL APPLIANCE SPECIFICATIONS	VMWARE ESXI NGF (8 CPU)	NGF (4 CPU)	NGF (2 CPU)	NGF (1 CPU)
Performance				
NGFW throughput (HTTP 21 kB payload)	2.5 Gbps	2 Gbps	1 Gbps	600 Mbps
Max Firewall throughput (UDP 1518 byte)	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Max inspection throughput	3.8 Gbps	3.6 Gbps	1.8 Gbps	1.5 Gbps
IPsec VPN throughput (AES-128-GCM)	5 Gbps	4 Gbps	3 Gbps	2 Gbps
IPsec VPN tunnels	15,000	15,000	15,000	15,000
Concurrent connections (no inspection)	2 million	2 million	2 million	2 million
New TCP connections/sec (no inspection)	75,000	50,000	20,000	15,000
64-byte packets per second (no inspection)	900,000	900,000	900,000	900,000
Inspected concurrent connections	100,000	100,000	100,000	100,000

Virtual appliance performance values may vary, depending on the network traffic and system configuration. Performance metrics were observed using a Dell R420 server (Intel Xeon processor E5-2450v2, physical 10 G interfaces) running ESXi v5.5 update 02 with 4 GB vRAM.

CONTACT
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