

Forcepoint Network Security Appliances

Connect and protect your people and their data with Secure SD-WAN, VPN, NGFW, and IPS

APPLIANCE SPECIFICATIONS	N51/ N51LTE	N110/ N115	N330	N331	N335/ N335W	N1101	N1105	N2101	N2105	N3301	N3305	N6205
Performance ¹												
NGFW/NGIPS Throughput (HTTP 21 kB payload)	200 Mbps	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)	1.9 Gbps	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)	900 Mbps	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)	100 Mbps	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)	1 Gbps	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	1,000	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	Max 25	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Concurrent Inspected TCP Connections	100,000	100,000	100,000	200,000	200,000	500,000	1 Million	3 Million	6 Million	12 Million	15 Million	15 Million
Max Current Inspected HTTP Connections	40,000	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

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Network Interfaces												
Fixed Ethernet Interfaces	4 GE RJ45	10 GE RJ45	8 GE RJ45	8 GE RJ45	8 GE RJ45	8 GE RJ45, 210Gbps SFP+	8 GE RJ45, 210Gbps SFP+	12 GE RJ45, 210Gbps SFP+	12 GE RJ45, 210Gbps SFP+	2 GE RJ45	2 GE RJ45, 140Gbps QSFP+	2 GE RJ45, 140Gbps QSFP+
Gigabit Ethernet copper Ports	4	10 /10-14	8	8	8-16	8-16	8-16	12-28	12-28	2-34	2-34	2-66
10 Gigabit Ethernet Ports	0	0	0	0	0	2-6	2-6	2-10	2-10	0-16	0-16	0-32
40 Gigabit Ethernet Ports	0	0	0	0	0	0	0	0-4	0-4	0-8	1-9	1-17
Network I/O slots	0	0 /1 Mini Module	0	0	2 Mini Modules	1	1	2	2	4	4	8
Connectors	2 USB, 1 serial, LTE ⁵ (N51LTE only)	2 USB, 1 serial, Wireless ³ (N115 only)	3 USB, 1 serial	3 USB, 1 serial	3 USB, 1 serial, Wireless ³ (N335W only)	3 USB, 1 serial, IPMI Ethernet, VGA	3 USB, 1 serial, IPMI Ethernet, VGA	3 USB, 1 serial, IPMI Ethernet, VGA	3 USB, 1 serial, IPMI Ethernet, VGA	4 USB, 1 serial, VGA, IPMI Ethernet	4 USB, 1 serial, VGA, IPMI Ethernet	4 USB, 1 serial, VGA, IPMI Ethernet
Physical												
Form Factor	Desktop	Desktop	Desktop ⁴	Desktop ⁴	Desktop ⁴	1RU	1RU	1RU	1RU	2RU	2RU	4RU
Dimensions (WxHxD)	180 x 37 x 131mm 5.36 x 1.5 x 5.16in	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
Net Weight (without modules)	0.65 kg, 1.43 lbs / 0.70 kg, 1.54 lbs	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	8.6 kg, 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, 24 W	100-240 VAC 50-60 Hz, 36 W	100-240 VAC 50-60 Hz, 180 W	100-240 VAC 50-60 Hz, 180 W	100-240 VAC 50-60 Hz, 180 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

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Redundant Power Supply	—	—	Option	Option	Option	—	—	Option	Yes	Yes	Yes	Yes
Typical Power Consumption	9W / 14W	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	12W / 17W	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	58	109 / 130	123	130	171 / 188	324	341	972	1,092	1,536	1,706	3,071
MTBF (hr.)	150,000	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)	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)	-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%-90%	10%-95%	10%-95%	10%-95%	10%-95%	8%-90%	8%-90%	8%-90%
Safety Certifications	CB, UL/ EN60950, NOM	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	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

⁵ Global support, category 12 LTE, Max peak DL 600Mbps; Max UL 150Mbps

VIRTUAL APPLIANCE SPECIFICATIONS	VMWARE ESXI NGF (8CPU)	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.

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