

FORCEPOINT NGFW Appliances

Connect and protect your people and their data

APPLIANCE SPECIFICATIONS	NGFW 110	NGFW 115	NGFW 321	NGFW 325	NGFW 1035	NGFW 1065	NGFW 1101	NGFW 1105	NGFW 1402	NGFW 2101	NGFW 2105	NGFW 3301	NGFW 3305	NGFW 6205
Performance¹														
NGFW/NGIPS Throughput (HTTP 21 kB payload)	150 Mbps	150 Mbps	200 Mbps	200 Mbps	400 Mbps	1.2 Gbps	1.5 Gbps	3 Gbps	4.5 Gbps	5 Gbps	7.5 Gbps	9 Gbps	15 Gbps	22 Gbps
Maximum Firewall Throughput (UDP 1518 byte)	1.5 Gbps	1.5 Gbps	4 Gbps	4 Gbps	10 Gbps	20 Gbps	50 Gbps	60 Gbps	40 Gbps	60 Gbps	80 Gbps	80 Gbps	160 Gbps	240 Gbps
Maximum Inspection Throughput (UDP 1518 byte)	400 Mbps	400 Mbps	700 Mbps	700 Mbps	1 Gbps	3 Gbps	3 Gbps	6 Gbps	14 Gbps	12 Gbps	15 Gbps	23 Gbps	27 Gbps	33 Gbps
TLS (1.2) Inspection Throughput (44kB payload)	80 Mbps	80 Mbps	130 Mbps	130 Mbps	150 Mbps	350 Mbps	800 Mbps	1.6 Gbps	2.5 Gbps	3 Gbps	4 Gbps	5.2 Gbps	8 Gbps	9.5 Gbps
IPsec VPN Throughput (AES-GCM-256)	600 Mbps	600 Mbps	900 Mbps	900 Mbps	1 Gbps	2.8 Gbps	4.5 Gbps	8.5 Gbps	6.8 Gbps	13 Gbps	16 Gbps	18 Gbps	20 Gbps	22 Gbps
Concurrent IPsec VPN Tunnels	2000	2000	6,000	6,000	20,000	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	unlimited	unlimited
Concurrent Inspected TCP Connections	100,000	100,000	100,000	100,000	150,000	1 million	500,000	1 million	6 million	3 million	6 million	12 million	15 million	15 million



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Maximum Number of Concurrent Inspected HTTP Connections	23,000	23,000	50,000	50,000	65,000	100,000	450,000	1 million	400,000	500,000	1.1 million	2.5 million	5 million	5.5 million
Maximum Number of Concurrent Connections	1 Million	1 Million	2 Million	2 Million	5 Million	8 Million	7.5 Million	12 Million	20 Million	18 Million	20 Million	30 Million	50 Million	60 Million
New TCP Connections/sec.	10,000	10,000	15,000	15,000	35,000	100,000	100,000	200,000	200,000	300,000	400,000	500,000	650,000	800,000
VLAN Tagging	unlimited ²	unlimited ²	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Virtual Contexts (default/maximum)	-	-	3/3	3/3	5/5	5/5	5/25	10/100	10/100	5/25	10/100	10/100	25/250	25/250
Features														
Anti-Malware (File reputation/AV)	Yes/-	Yes/-	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
URL Filtering	Option	Option	Option	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	Option	Option	Option
Web Security Cloud Redirection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPS Inspection	Yes	Yes	Yes	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	Yes	Yes	Yes
Endpoint Context	Yes	Yes	Yes	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	Yes	Yes	Yes
Server Load Balancing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



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Appliance Clustering	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ports														
Fixed Ethernet interfaces	10 x GE RJ45	10 x GE RJ45	5 x GE RJ45	5 x GE RJ45	4 x GE RJ45	4 x GE RJ45	8 x GE RJ45, 2 x 10Gbps SFP+	8 x GE RJ45, 2 x 10Gbps SFP+	4 x GE RJ45	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	5	5 to 13	4 to 12	4 to 12	8 to 16	8 to 16	4 to 20	12 to 28	12 to 28	2 to 34	2 to 34	2 to 66
10 Gigabit Ethernet ports	0	0	0	0	0	0 to 4	2 to 6	2 to 6	0 to 8	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	0	0 to 4	0 to 4	0 to 4	0 to 8	1 to 9	1 to 17
Network I/O slots	0	1 mini module	0	2 mini modules	1	1	1	1	2	2	2	4	4	8
Connectors	2 x USB, 1 x serial	2 x USB, 1 x serial, Wireless ³	2 x USB, 1 x serial	2 x USB, 1 x serial, Wireless ⁴	2 x USB, 1 x serial	2 x USB, 1 x serial	3 x USB, 1 x serial, IPMI Ethernet, VGA	3 x USB, 1 x serial, IPMI Ethernet, VGA	2 x USB, 1 x serial, 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	Desktop ⁵	Desktop ⁵	1RU	1RU	1RU	1RU	1RU	1RU	1RU	2RU	2RU	4RU
Dimensions (WxHxD)	242 x 55 x 198mm 9.52 x 2.17 x 7.80in	242 x 55 x 198mm 9.52 x 2.17 x 7.80in	282 x 44 x 196mm 11.11 x 1.73 x 7.72in	305 x 44 x 196mm 12 x 1.73 x 7.72in	426 x 44 x 300mm 16.77 x 1.73 x 11.81in	426 x 44 x 300mm 16.77 x 1.73 x 11.81in	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	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)	1.1 kg / 2.43 lbs	1.2 kg / 2.65 lbs	1.8 kg / 3.97 lbs	2.2 kg / 4.85 lbs	4.2 kg / 9.25 lbs	4.2 kg / 9.25 lbs	4.8 kg / 10.58 lbs	4.8 kg / 10.58 lbs	8.4 kg / 18.5 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



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AC Power Supply	100-240 VAC 50-60 Hz, 36 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, 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, 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, 200W dual feed	-72 – -36 VDC, 200W dual feed	—	—	-72 – -36 VDC, 300 W + 300 W	-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	—	—	—	—	—	—	—	—	Yes	Option	Yes	Yes	Yes	Yes
Typical Power Consumption	15 W	18 W	18 W	22 W	50 W	65 W	60 W	70 W	100 W	130 W	130 W	350 W	400 W	420 W
Maximum Power Consumption	32 W	38 W	21 W	28 W	95 W	90 W	95 W	100 W	260 W	285 W	320 W	450 W	500 W	900 W
Maximum BTU/hr	109	130	72	96	256	307	324	341	682	972	1092	1536	1706	3,071
MTBF (hr.)	120,000	120,000	120,000	120,000	120,000	120,000	100,000	100,000	150,000	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-+40°C (+32- +104°F)	0-+40°C (+32- +104°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)	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)	-20- +70°C (-4- +158°F)	-20- +70°C (-4- +158°F)	-40- +70°C (-4- +158°F)



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Relative Humidity (non-condensing)	10%–90%	10%–90%	10%–90%	10%–90%	10%–95%	10%–95%	10%–95%	10%–95%	10%–95%	10%–95%	10%–95%	8%–90%	8%–90%	8%–90%
Safety Certifications	CB, UL/EN60950	CB, UL/EN60950	CB, UL/EN60950	CB, UL/EN60950	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, BSMI, CTICK, NOM	CB, UL/EN60950, BSMI, CTICK, NOM	CB, UL/EN60950	CB, UL/EN60950, NOM, BSMI	CB, UL/EN60950, NOM, BSMI	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM

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 Support IEEE802.11 a/b/g/n

⁵ Optional rack mounting kit available



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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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