

## FORCEPOINT™ STONESOFT® NEXT GENERATION FIREWALL APPLIANCES

Appliance Specifications	NGFW 110	NGFW 115 <sup>1</sup>	NGFW 321	NGFW 325	NGFW 1035	NGFW 1065	NGFW 1401	NGFW 1402 <sup>5</sup>	NGFW 3301	NGFW 3207	NGFW 3305 <sup>1</sup>	NGFW 5206
<b>Performance</b>												
NGFW throughput (HTTP 21 kB payload)	150 Mbps	150 Mbps	200 Mbps	200 Mbps	400 Mbps	1.2 Gbps	3 Gbps	4.5 Gbps	9 Gbps	11 Gbps	11 Gbps	10 Gbps
Max Firewall throughput (UDP 1518 byte)	1.5 Gbps	1.5 Gbps	4 Gbps	4 Gbps	10 Gbps	20 Gbps	30 Gbps	40 Gbps	80 Gbps	120 Gbps	160 Gbps	120 Gbps
Max inspection throughput (UDP 1518 byte)	400 Mbps	400 Mbps	700 Mbps	700 Mbps	1 Gbps	3 Gbps	8 Gbps	14 Gbps	30 Gbps	30 Gbps	30 Gbps	30 Gbps
SSL inspection (AES-256)	100 Mbps	100 Mbps	150 Mbps	150 Mbps	150 Mbps	500 Mbps	2 Gbps	3 Gbps	5 Gbps	8 Gbps	14 Gbps	5 Gbps
Inspected concurrent connections	100,000	100,000	100,000	100,000	150,000	1 million	4 million	6 million	12 million	14 million	15 million	12 million
IPsec VPN throughput (AES-128-GCM)	500 Mbps	500 Mbps	1 Gbps	1 Gbps	1.2 Gbps	3 Gbps	6 Gbps	11 Gbps	18 Gbps	20 Gbps	22 Gbps	18 Gbps
IPsec VPN tunnels	500	500	6000	6000	20000	20000	20000	20000	200000	200000	200000	200000
Mobile VPN clients	Max 25	Max 25	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Maximum SSL VPN portal users	—	—	500	500	1000	2000	5000	10000	20000	30000	30000	30000
Concurrent connections (no inspection)	1 million	1 million	2 million	2 million	5 million	8 million	12 million	20 million	30 million	40 million	50 million	30 million
New TCP connections/second (no inspection)	10000	10000	15000	15000	35000	100000	150000	200000	300000	400000	500000	300000
64-byte packets/sec (no inspection)	240000	240000	800000	800000	1.2 million	5 million	15 million	25 million	40 million	60 million	90 million	80 million
VLAN tagging	unlimited <sup>2</sup>	unlimited <sup>2</sup>	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	25/250	25/250	25/250
<b>Features</b>												
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
URL filtering	option	option	option	option	option	option	option	option	option	option	option	option

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<b>Full inspection</b>	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
<b>Application control</b>	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
<b>Multi-Link</b>	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
<b>Server load balancing</b>	—	—	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
<b>Clustering</b>	—	—	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
<b>Ports</b>												
<b>Fixed Ethernet interfaces</b>	10 x GE RJ45	10 x GE RJ45	5 x GE RJ45	5 x GE RJ45	4 x GE RJ45	4 x GE RJ45	4 x GE RJ45	4 x GE RJ45	2 x GE RJ45	2 x GE RJ45	2 x GE RJ45	2 x GE RJ45
<b>Gigabit Ethernet—copper ports</b>	10	10 to 14	5	5 to 13	4 to 12	4 to 12	4 to 20	4 to 20	2 to 34	2 to 26	2 to 34	2 to 50
<b>10 Gigabit Ethernet ports</b>	0	0	0	0	0 to 4	0 to 4	0 to 8	0 to 8	0 to 16	0 to 12	0 to 16	0 to 24
<b>40 Gigabit Ethernet ports</b>	0	0	0	0	0	0	0 to 4	0 to 4	0 to 8	0 to 6	1 to 9	0 to 12
<b>Other interfaces</b>	8 port switch 3G modem support	WLAN <sup>3</sup> 8 port switch 3G modem support	3G modem support	WLAN <sup>3</sup> 3G modem support	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support	3G modem support
<b>Network I/O slots</b>	0	1 mini modules	0	2 mini modules	1	1	2	2	4	3	4	6
<b>Module PCI Express version</b>	—	—	—	—	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0
<b>Connectors</b>	2 x USB, 1 x serial	2 x USB, 1 x serial	2 x USB, 1 x serial	2 x USB, 1 x serial	2 x USB, 1 x serial	2 x USB, 1 x serial	2 x USB, 1 x serial, VGA	2 x USB, 1 x serial, 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	4 x USB, 1 x serial, VGA, IPMI Ethernet
<b>Physical</b>												
<b>Form Factor</b>	Desktop	Desktop	Desktop <sup>4</sup>	Desktop <sup>4</sup>	1RU	1RU	1RU	1RU	2RU	2RU	2RU	3RU
<b>Dimensions (w x h x d)</b>	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	426 x 44 x 450mm 16.77 x 1.73 x 17.72in	426 x 44 x 450mm 16.77 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	437 x 89 x 450mm 17.2 x 3.5 x 17.7in	437 x 132 x 648mm 17.2 x 5.2 x 25.5in
<b>Net Weight (w/out modules)</b>	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	8.4 kg 18.5 lbs	8.4 kg 18.5 lbs	12.4 kg 27.3 lbs	14.2 kg 31.3 lbs	12.4 kg 27.3 lbs	23.8 kg 52.47 lbs
<b>AC power supply</b>	100–240 VAC 50–60 Hz, 36 W	100–240 VAC 50–60 Hz, 36 W	100–240 VAC 50–60 Hz, 45 W	100–240 VAC 50–60 Hz, 45 W	100–240 VAC 50–60 Hz, 180 W	100–240 VAC 50–60 Hz, 180 W	100–240 VAC 50–60 Hz, 300W + 300W	100–240 VAC 50–60 Hz, 300W + 300W	100–240 VAC 50–60 Hz, 650W + 650W	100–240 VAC 50–60 Hz, 700W + 700W	100–240 VAC 50–60 Hz, 650W + 650W	100–240 VAC 50–60 Hz, 800W + 800W

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DC power supply option	—	—	—	—	-72 – -36 VDC, 200W dual feed	-72 – -36 VDC, 200W dual feed	-72 – -36VDC <sup>1</sup> 300W + 300W	-72 – -36VDC <sup>1</sup> 300W + 300W	-72 – -36VDC <sup>1</sup> 650W + 650W	-72 – -36VDC <sup>1</sup> 700W + 700W	-72 – -36VDC <sup>1</sup> 650W + 650W	-72 – -36VDC <sup>1</sup> 800W + 800W
Redundant power supply (hot-swappable)	—	—	—	—	—	—	option	yes	yes	yes	yes	yes
Typical power consumption	15 W	18 W	18 W	22 W	50 W	65 W	100 W	100 W	350 W	400 W	400 W	300 W
Maximum power consumption	32 W	38 W	21 W	28 W	95 W	90 W	300 W	260 W	450 W	450 W	500 W	550 W
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	5–+40°C +41–+104°F	5–+40°C +41–+104°F	5–+40°C +41–+104°F	10–+35°C +50–+95°F	5–+40°C +41–+104°F	10–+35°C +50–+95°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–+75°C -4–+167°F	-20–+70°C -4–+158°F	-20–+70°C -4–+158°F	-40–+70°C -4–+158°F	-40–+70°C -4–+158°F	-40–+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%	8%–90%
MTBF	120,000 hours	120,000 hours	120,000 hours	120,000 hours	120,000 hours	120,000 hours	150,000 hours	150,000 hours	100,000 hours	120,000 hours	100,000 hours	100,000 hours
Safety Certifications	CB, UL/EN60950, CCC, EAC, NOM, VCCI											
EMI Certifications	FCC part 15, CE, EN55022, EN55024											

1. Available soon.
2. Tagging not available with switch ports.
3. NGFW 325: IEEE 802.11a/b/g/n, NGFW 115: IEEE802.11ac/a/b/g/n.
4. Optional rack mount kit available.
5. Hardware revision 1 or greater.



**STONESOFT NEXT GENERATION FIREWALL APPLIANCES CONT.**

Virtual Appliance Specifications	VMware ESXi NGF (8 CPU)	NGF (4 CPU)	NGF (2 CPU)	NGF (1 CPU)
<b>Performance</b>				
<b>NGFW throughput (HTTP 21 kB payload)</b>	2.5 Gbps	2 Gbps	1 Gbps	600 Mbps
<b>Max Firewall throughput (UDP 1518 byte)</b>	10 Gbps	10 Gbps	10 Gbps	10 Gbps
<b>Max inspection throughput</b>	3.8 Gbps	2.6 Gbps	1.8 Gbps	1.5 Gbps
<b>IPsec VPN throughput (AES-128-GCM)</b>	5 Gbps	4 Gbps	3 Gbps	2 Gbps
<b>IPsec VPN tunnels</b>	15,000	15,000	15,000	15,000
<b>Concurrent connections (no inspection)</b>	2 million	2 million	2 million	2 million
<b>New TCP connections/sec (no inspection)</b>	75,000	50,000	20,000	15,000
<b>64-byte packets per second (no inspection)</b>	900,000	900,000	900,000	900,000
<b>Inspected concurrent connections</b>	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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