Network Security Appliances

APPLIANCE SPECIFICATIONS	N60 / N60L	N120 / N120W	N120L / N120WL	N352	N355	N1202	N2201	N2205	N2210	N3401	N3405	N3410	N3510
Performance[1]													
NGFW/NGIPS Throughput Mbps [HTTP 64 kB payload]	350 Mbps	450 Mbps	450 Mbps	2 Gbps	4.1 Gbps	5000	5.5 Gbps	10.5 Gbps	13.5 Gbps	15 Gbps	30 Gbps	35 Gbps	140 Gbps
Threat Prevention Throughput [HTTP,App-ID,AV,DI,64kB]	260 Mbps	260 Mbps	350 Mbps	1.5 Gbps	3.0 Gbps	2.7 Gbps	3 Gbps	9 Gbps	12 Gbps	12 Gbps	24 Gbps	27 Gbps	50 Gbps
Max Firewall Throughput [UDP 1518 byte]	2 Gbps	4 Gbps	4 Gbps	40 Gbps	40 Gbps	65 Gbps	80 Gbps	120 Gbps	120 Gbps	200 Gbps	240 Gbps	300 Gbps	600 Gbps
TLS (1.2) Inspection Throughput [44 kB payload]	110 Mbps	170 Mbps	170 Mbps	700 Mbps	1300 Mbps	1200 Mbps	1.6 Gbps	2.7 Gbps	4.5 Gbps	5.2 Gbps	15 Gbps	19 Gbps	40 Gbps
IPsec VPN Throughput [AES-GCM-256]	1 Gbps	1.8 Gbps	1.8 Gbps	11 Gbps	24 Gbps	22 Gbps	22 Gbps	40 Gbps	60 Gbps	75 Gbps	100 Gbps	150 Gbps	150 Gbps
Concurrent IPsec VPN SA	18,000	18,000	18,000	20,000	30,000	60,000	90,000	95,000	100,000	200,000	230,000	280,000	280,000
Mobile VPN Clients	max 25	max 25	max 25	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Max Concurrent Inspected HTTP Connections	18,500	40,000	70,000	70,000	200,000	170,000	300,000	650,000	700,000	2 million	4 million	6.5 million	8 million
Max Concurrent Connections	2 million	3.2 million	7 million	5 million	15 million	17 million	17 million	35 million	35 million	70 million	100 million	200 million	200 million
New TCP Connections/sec.	40,000	48,000	48,000	160.000	300.000	280.000	350,000	550,000	610,000	750,000	1 million	2 million	1.4 million
VLAN Tagging	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Virtual Contexts [default-max]	3-3	3-3	3-3	3-3	5-25	5-25	10-100	10-100	10-100	10-100	25-250	25-250	25-250
Max Concurrent ZTNA Users				50	250	250	500	750	1000	1500	2000	2500	2500
Features													
Anti-Malware [File reputation & AV]	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
Advanced Malware Detection	Option	Option	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	Yes	Yes
IPS Inspection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Application Control Proxies [SSH/SFTP, HTTP, HTTPS, TCP, UDP, TFTP, FTP, DNS]	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
SD-WAN Multi-Link Optimization	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
Appliance Clustering	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Network Interfaces													
Fixed Ethernet Interfaces	4 GE RJ45	8 GE RJ45 (2 ports w/ 30W POE+) (switch support)	8 GE RJ45 (2 ports w/ 30W POE+) (switch support)	9 GE RJ45	9 GE RJ45	9 GE RJ45, 8 1/10Gbps SFP+	8 GE RJ45, 4 10Gbps SFP+	8 GE RJ45, 8 10Gbps SFP+	8 GE RJ45, 8 10Gbps SFP+	2 GE RJ45, 2 10Gbps SFP+	2 GE RJ45, 2 10Gbps SFP+	2 GE RJ45, 2 10Gbps SFP+	2 GE RJ45
Gigabit Ethernet copper ports	4	8	8	9	9	9-17	8-16	8-16	8-16	1-65	1-65	1-65	2-66
10 Gigabit Ethernet ports	0	0	0	4	4	0-8	4-12	8-16	8-16	2-66	2-66	2-66	0-64
25 Gigabit Ethernet ports	0	0	0	0	0	0	0-2	0-2	0-2	0-16	0-16	0-16	0-16
40 Gigabit Ethernet ports	0	0	0	0	0	0	0-2	0-2	0-2	0-16	0-16	0-16	0-16
100 Gigabit Ethernet ports	0	0	0	0	0	0	0	0	0	0-8	0-8	0-8	0-8
Network I/O slots	0	0	0	0	0	0	1	1	1	8	8	8	8
Connectors	2 USB, 1 serial, LTE (N60L)	2 USB, 1 serial, Wireless[2] (N120W)	2 USB, 1 serial, Wireless[2](N120WL), LTE	2 USB, 1 serial	2 USB, 1 serial	3 USB, 1 serial	2 USB, 1 serial, IPMI Ethernet, VGA	2 USB, 1 serial, IPMI Ethernet, VGA	2 USB, 1 serial IPMI E,thernet, VGA	2 USB, 1 serial, IPMI Ethernet, VGA	2 USB, 1 serial, IPMI Ethernet, VGA	2 USB, 1 serial, IPMI Ethernet, VGA	2 USB, 1 serial, IPMI Ethernet
Physical													
Form Factor	Desktop[3]	Desktop[3]	Desktop[3]	Desktop[3]	Desktop[3]	1U	1U	1U	1U	2U	2U	2U	2U
Dimensions [WxHxD]	225 x 44 x 150mm 8.9 x 1.7 x 5.9in	225 x 44 x 150mm 8.9 x 1.7 x 5.9in	225 x 44 x 150mm 8.9 x 1.7 x 5.9in	340 x 44 x 250 mm 13.4" x 1.73" 9.84"	340 x 44 x 250 mm 13.4" x 1.73" 9.84"	438 x 44 x 300 mm (17.2" x 1.7" x 11.8")	438 x 44 x 420 mm (17.2" x 1.7" x 16.5")	438 x 44 x 420 mm (17.2" x 1.7" x 16.5")	438 x 44 x 420 mm (17.2" x 1.7" x 16.5")	438 x 88 x 685 mm / 17.3 x 3.5 x 27.0 in	438 x 88 x 685 mm / 17.3 x 3.5 x 27.0 in	438 x 88 x 685 mm / 17.3 x 3.5 x 27.0 in	438 x 88 x 600 mm / 17.2 x 3.5 x 23.6 in
Net Weight [without modules]	1 kg / 2.2 lbs	2 kg / 4.4 lbs	2 kg / 4.4 lbs	2.9 kg / 6.4 lbs	2.9 kg / 6.4 lbs	4.8 kg / 10.6 lbs	8.23Kg (18.14lb)	8.23Kg (18.14lb)	8.23Kg (18.14lb)	18.1 kg 39.9 lbs	18.1 kg 39.9 lbs	18.1 kg 39.9 lbs	18.0 kg 39.7 lbs
AC Power Supply	100–240 VAC 50–60 Hz, 40 W	100–240 VAC 50–60 Hz, 40 W	100–240 VAC 50–60 Hz, 40 W	90–260 VAC 50–60 Hz 65 W	90–260 VAC 50–60 Hz 65 W	90–264 VAC 50–60 Hz 150 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, 850 W + 850 W	100–240 VAC 50–60 Hz, 850 W + 850 W	100–240 VAC 50–60 Hz, 850 W + 850 W	100–240 VAC 50–60 Hz, 1200 W + 1200 W
DC Power Supply	—	—	—	—	—	36 – 72 VDC, 150 W + 150 W	-72 – -36 VDC, 850 W + 850 W	-72 – -36 VDC, 850 W + 850 W	-72 – -36 VDC, 850 W + 850 W	-72 – -36 VDC, 850 W + 850 W	-72 – -36 VDC, 850 W + 850 W	-72 – -36 VDC, 850 W + 850 W	—
Redundant Power Supply	—	—	—	Option	Option	Option	Option	Option	Yes	Yes	Yes	Yes	Yes
PoE+ Power Supply	—	100-240 VAC 50-60 Hz, 72 W	100-240 VAC 50-60 Hz, 72 W	—	—	—	—	—	—	—	—	—	—
Typical Power Consumption	15 W	25 W	25 W	40 W	47 W	60	80	100	115	480	500	550	390
Max Power Consumption	21.72 W	36 W	36 W	57 W	65 W	100	94	116	140	625	650	700	1200
Max BTU/hour	74	123	123	195	225	340	291	360	434	2133	2218	2388	4100
MTBF [hours]	150,000	100,000	100,000	150,000	150,000	150,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Operating Temperature	5–+40°C (+41–+104°F)	5–+40°C (+41–+104°F)	5–+40°C (+41–+104°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)	0–+40°C (+32–+104°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)	0–+40°C (+32–+104°F)
Storage Temperature	-20–+80°C (-4–+176°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–+80°C (-4–+176°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 (-40–+158°F)
Relative Humidity [non-condensing]	10%-90%	8%-90%	8%-90%	10%-90%	10%-90%	10%-90%				8%-90%	8%-90%	8%-90%	10%-90%
Safety Certifications	CE, CB, UL, LVD, RoHS 3. REACH, FCC, BIS, KCC	CB, UL/EN62368	CB, UL/EN62368	CB, UL/EN62368	CB, UL/EN62368	CB, UL, LVD	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM	CB, UL/EN60950, NOM
EMI Certifications	FCC Sub Part 47 "B"	FCC part 15, CE, EN55022	FCC part 15, CE, EN55022	FCC part 15, CE, EN55032	FCC part 15, CE, EN55032	CE / FCC (Class A)	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024	FCC part 15, CE, EN55022, EN55024, AZ/NZS	FCC part 15, CE, EN55022, EN55024, AZ/NZS	FCC part 15, CE, EN55022, EN55024, AZ/NZS	FCC part 15, CE, EN55022, EN55024, AZ/NZS

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

[2] Support IEEE802.11 ac/a/b/g/n

[3] Optional rack mounting kit available

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