



Appliance Comparison Chart

Appliance Comparison Chart



Security Gateway Appliances

	3200	5200	5400	5600	5800
	Branch Office	Small Enterprise		Mid-Size Enterprise	
Production Performance (Real-World Traffic Blend)					
SecurityPower	250	425	600	950	1750
Firewall (Gbps)	2.1	5.3	10	17.5	22
IPS Throughput (Gbps)	460 Mbps	810 Mbps	1.08	1.9	3.05
NGFW Throughput (Gbps)	260 Mbps	520 Mbps	690 Mbps	1.18	2
Threat Prevention (Gbps)	140 Mbps	250 Mbps	330 Mbps	540 Mbps	1
Ideal Testing Conditions Performance (RFC 3511, 2544, 2647, 1242)					
Firewall Throughput (Gbps)	4	16	22	25	35
Connections Per Second (K)	48	125	150	185	185
Concurrent Sessions (M) ¹	3.2	3.2/6.4	3.2/6.4	3.2/6.4	3.2/6.4
VPN Throughput (Gbps)	2.25	1.88	2.16	6.5	10
IPS Throughput (Gbps)	1.44	3	3.9	7.8	10
NGFW Throughput (Gbps)	1.15	2.7	3.4	5.8	8.1
Network					
10/100/1000Base-T (Base/Max)	6/6	6/14	10/18	10/18	10/26
1000Base-F SFP (Base/Max)	NA	0/4	0/4	0/4	0/8
10GBase-F SFP+ (Base/Max)	NA	0/0	0/0	0/4	0/8
40GB QSFP (Base/Max)	NA	NA	NA	NA	0/4
Expansion Slot	NA	1	1	1	2
Fail-Over NIC Option	NA	Yes	Yes	Yes	Yes
Additional Features					
Storage	1x 320 GB	1x 500 GB	1x 500 GB	1x 500 GB	1x 500 GB
Memory Options (GB)	8	8	8, 16	8, 16	8, 16
LOM Card	NA	Optional	Optional	Optional	Included
Virtual Systems					
Maximum (base/HPP) ²	10	10/20	10/20	10/20	10/20
Physical					
Enclosure	Desktop	1U	1U	1U	1U
Weight	1.3kg (2.9 lbs)	6.22kg (13.7 lbs)	6.37kg (14 lbs)	7.95kg (17.53 lbs)	8.37kg (18.45 lbs)
Power					
Dual, Hot-Swappable Power Supplies	NA	NA	NA	Optional	Optional
Power Input	90-264V, 47-63 Hz				
Single Power Supply Rating	40W	250W	250W	275W	275W
Power Consumption (Max)	29.5W	62.9W	76.5W	103W	110W

¹ Assumes maximum production throughput with real-world traffic blend, a typical rule-base size, NAT and logging enabled and the most secure threat prevention protection

² Performance measured with default/maximum memory

Appliance Comparison Chart



Security Gateway Appliances continued

	15400	15600	23500	23800
	Large Enterprise		Data Center Grade	
Production Performance (Real-World Traffic Blend)¹				
SecurityPower	2600	3850	4900	6200
Firewall (Gbps)	30	30	34	43
IPS Throughput (Gbps)	4.5	8	10	12
NGFW Throughput (Gbps)	3	5.2	6.3	7.2
Threat Prevention (Gbps)	1.5	2.5	2.9	3.6
Ideal Testing Conditions Performance (RFC 3511, 2544, 2647, 1242)				
Firewall Throughput (Gbps)	58	77	116	128
Connections Per Second (K)	185	185	200	200
Concurrent Sessions (M) ²	3.2/9.6	6.4/12.8	12.8/25.6	12.8/28
VPN Throughput (Gbps)	10.8	15.8	26	26
IPS Throughput (Gbps)	14	18	22	30
NGFW Throughput (Gbps)	12	17	20	27
Network				
10/100/1000Base-T (Base/Max)	10/26	10/26	10/42	10/42
1000Base-F SFP (Base/Max)	0/12	0/12	0/20	0/20
10GBase-F SFP+ (Base/Max)	2/12	2/12	2/20	2/20
40GBase QSFP (Base/Max)	0/4	0/4	0/4	0/4
Expansion Slot	3	3	5	5
Fail-Open/Bypass NIC Option	Yes	Yes	Yes	Yes
Additional Features				
Storage	1x 1TB	2x 1TB RAID1	2x 1TB RAID1	2x 1TB RAID1
Memory Options (GB)	8/24	16/32	16/64	32/64
LOM Card	Included	Included	Included	Included
LCD Display	Graphic LCD	Graphic LCD	Graphic LCD	Graphic LCD
Virtual Systems				
Maximum (base/HPP) ²	10/40	60/80	60/125	125/250
Physical				
Enclosure	2U	2U	2U	2U
Weight	14.3kg (31.5 lbs)	14.3kg (31.5 lbs)	15.8kg (34.8 lbs)	15.8 kg (34.8 lbs.)
Power				
Hot-Swappable Power Supplies	Included	Included	Included	Included
Power Input	90-264V, 47-63 Hz			
Single Power Supply Rating	600W	600W	800W	800W
Power Consumption (Max)	263W	297W	383W	399W

¹ Assumes maximum production throughput with real-world traffic blend, a typical rule-base size, NAT and logging enabled and the most secure threat prevention protection

² Performance measured with default/maximum memory

Appliance Comparison Chart



Security Gateway Appliances (released before 2016)

	2200	4200	4400	4600	4800
	Small-Office	Enterprise Grade			
Production Performance (Real-World Traffic Blend)¹					
SecurityPower	121	121	230	405	673
Firewall (Gbps)	1.4	1.4	2.2	3.4	5.8
Firewall and IPS (Mbps)	150	165	360	630	1100
RFC 3511, 2544, 2647, 1242 Performance Tests (LAB)					
Firewall Throughput (Gbps)	3	3	5	9	11
VPN Throughput (Gbps)	0.4	0.4	1.2	1.5	2
IPS Recommended Profile (Gbps)	0.3	0.3	0.7	1	1.5
Connections Per Second (K)	25	25	40	50	70
Concurrent Sessions (M)	1.2	1.2	1.2	1.2	3.3 ²
Network					
10/100/1000Base-T/Max Ports	6/6	4/8	8/12	8/12	8/16
1000Base-F SFP (MAX Ports)	NA	4	4	4	4
10GBase-F SFP+ (MAX Ports)	NA	NA	NA	NA	2
Expansion Slot	0	1	1	1	1
Fail-Open/Bypass NIC Option	No	Yes	Yes	Yes	Yes
Additional Features					
Storage	250 GB	250 GB	250 GB	250 GB	250 GB
Memory / Max	4/4 GB	4/4 GB	4/4 GB	4/4 GB	4/8 GB
LOM Card	NA	NA	NA	NA	Included
Virtual Systems					
Default/Max VS Supported	3/3	3/3	10/10	10/10	25/25
Physical					
Enclosure	Desktop	1U	1U	1U	1U
Weight	2kg (4.4 lbs)	4kg (8.82 lbs)	7.5kg (16.53 lbs)	7.5kg (16.53 lbs)	7.6kg (16.76 lbs)
Power					
Dual, Hot-Swappable Power Supplies	No	No	No	No	Optional
Power Input	100-240VAC, 47-63Hz				
Single Power Supply Rating	40W	100W	250W	250W	275W
Power Consumption (Max)	35W	57W	90W	90W	140W
DC Option	No	No	No	Optional ³	Optional ³

¹ Assumes maximum production throughput with real-world traffic blend, a typical rule-base size, NAT and logging enabled and the most secure threat prevention protection

² With memory upgrade and the GAIA OS

³ Via a Solutions Center request

Appliance Comparison Chart



Security Gateway Appliances (released before 2016 continued)

	12200	12400	12600	13500	13800
Enterprise Grade					
Production Performance (Real-World Traffic Blend)¹					
SecurityPower	811	1185	2050	3200	3800
Firewall (Gbps)	6.2	9.1	14	23.6	27.2
Firewall and IPS (Gbps)	1.28	2.11	3.58	5.7	6.4
RFC 3511, 2544, 2647, 1242 performance tests (LAB)					
Firewall Throughput (Gbps)	15	25	30	77	77
VPN Throughput (Gbps)	2.5	3.5	7	17	18.3
IPS Recommended Profile (Gbps)	2.5	3.5	6	7.8	9.6
Connections Per Second (K)	90	110	130	178	190
Concurrent Sessions (M)	5 ²	5 ²	5 ²	28 ²	28 ²
Network					
10/100/1000Base-T/Max Ports	8/16	10/26	14/26	14/26	14/26
1000Base-F SFP (MAX Ports)	4	12	12	12	12
10GBBase-F SFP+ (MAX Ports)	4	12	12	12	12
40GBBase-F MAX Ports	NA	NA	NA	NA	NA
Expansion Slot	1	3	3	3	3
Fail-Open/Bypass NIC Option	Yes	Yes	Yes	Yes	Yes
Additional Features					
Storage	1+1 500 GB	1+1 500 GB	2x500 GB RAID 1	2x500GB RAID 1	2x500GB RAID 1
Memory / Max	4/12 GB	4/12 GB	6/12 GB	16/64 GB	16/64 GB
LOM Card	Included	Included	Included	Included	Included
Virtual Systems					
Default/Max VS Supported	25/50 ²	25/75 ²	75/150 ²	150/250 ²	150/250 ²
Physical					
Enclosure	1U	2U	2U	2U	2U
Weight	7.6kg (16.76 lbs)	23.4kg (51.6 lbs)	23.4kg (51.6 lbs)	17.5 kg (38.6 lbs.)	17.5 kg (38.6 lbs.)
Power					
Hot-Swappable Power Supplies	Optional	2 AC	2 AC	2 AC	2 AC
Power Input	100-240VAC, 47-63Hz				
Single Power Supply Rating	275W	300W	400W	600W	600W
Power Consumption (Max)	121W	132W	220W	431W	431W
DC Option	Optional ³	Optional ³	Optional ³	Optional	Optional

¹ Assumes maximum production throughput with real-world traffic blend, a typical rule-base size, NAT and logging enabled and the most secure threat prevention protection

² With memory upgrade and the GAIA OS

³ Via a Solutions Center request

Appliance Comparison Chart



Security Gateway Appliances (released before 2016 continued)

	21400	21700	21800
Data Center Grade			
Production Performance (Real-World Traffic Blend)¹			
SecurityPower	2175/2900 ¹	3300/3551 ¹	4100/4300 ¹
Firewall (Gbps)	17.1/44.3 ¹	25.4/44.5 ¹	30.4/44.5 ¹
Firewall and IPS (Gbps)	3.67	5.7	6.9
RFC 3511, 2544, 2647, 1242 performance tests (LAB)			
Firewall Throughput (Gbps)	50/110 ¹	78/110 ¹	78/110 ¹
VPN Throughput (Gbps)	7/50 ¹	11/50 ¹	23.5/50 ¹
IPS Recommended Profile (Gbps)	6	8	9.9
Connections Per Second (K)	130/300 ¹	170/300 ¹	198/300 ¹
Concurrent Sessions (M)	10 ²	13 ²	28 ²
Network			
10/100/1000Base-T/Max Ports	13/37	13/37	13/37
1000Base-F SFP (MAX Ports)	36	36	36
10GBase-F SFP+ (MAX Ports)	12	13	13
40GBase-F MAX Ports	NA	NA	NA
Expansion Slot	3	3	3
Fail-Open/Bypass NIC Option	No	No	No
Additional Features			
Storage	2x500 GB RAID 1	2x500GB RAID 1	2x500GB RAID 1
Memory / Max	12/24 GB	16/64 GB	16/64 GB
LOM Card	Included	Included	Included
Virtual Systems			
Default/Max VS Supported	125/250 ²	150/250 ²	150/250 ²
Physical			
Enclosure	2U	2U	2U
Weight	26kg (57.4 lbs)	26kg (57.4 lbs)	26kg (57.4 lbs)
Power			
Hot-Swappable Power Supplies	2 AC	2 AC	2 AC
Power Input	100-240VAC, 47-63Hz		
Single Power Supply Rating	910W	1200W	1200W
Power Consumption (Max)	449W/744W ¹	489W/784W ¹	489W/784W ¹
DC Option	Optional ³	Optional ³	Optional ³

¹ With Security Acceleration Module

² With memory upgrade and the GAiA OS

³ Via a Solutions Center request

Appliance Comparison Chart



Security Systems

	41000	61000
Data Center, Telco, Carrier Grade		
Production Performance (Real-World Traffic Blend)¹		
SecurityPower	3200 to 11000	3200 to 33000
Firewall (Gbps)	Up to 40	Up to 120
Firewall and IPS (Gbps)	Up to 25	Up to 70
RFC 3511, 2544, 2647, 1242 performance tests (LAB)		
Firewall Throughput (Gbps)	Up to 80	Up to 400
VPN Throughput (Gbps)	Up to 40	Up to 110
IPS Recommended Profile (Gbps)	Up to 44	Up to 130
Connections Per Second (K)	Up to 1100	Up to 3000
Concurrent Sessions (M)	Up to 80	Up to 210
Network		
10/100/1000Base-T/Max Ports	14	28
1000Base-F SFP (MAX Ports)	14	28
10GBase-F SFP+ (MAX Ports)	30	60 ²
40GBase-F MAX Ports	4	8 ²
Expansion Slot	6	14
Fail-Open/Bypass NIC Option	No	No
Additional Features		
Storage	-	-
Memory	64 GB	64 GB
LOM Card	Included	Included
Virtual Systems		
Max VS Supported	250	250
Physical		
Enclosure	6U	15U
Weight	Max: 38.6kg (84.9 lbs)	Max: 65.84kg (145.2 lbs)
Power		
Hot-Swappable Power Supplies	3 AC or 2 DC	4 AC or 2 DC
Power Input	See data sheet	
Single Power Supply Rating	1200W@110V; 1500W@220V	2500W @ 208V/230V, 1500W @ 110V (USA), 1300W @ 100V (Japan)
Power Consumption (Max)	2300W	4900W
DC Option	Yes	Yes

¹ Assumes maximum production throughput with real-world traffic blend, a typical rule-base size, NAT and logging enabled and the most secure threat prevention protection

² With 4 x SSM160

Appliance Comparison Chart



Small Branch Office Security Appliances

	1120	1140	1180	1430	1450	1470	1490
Performance							
SecurityPower	28	34	37	75	141	194	233
Firewall (Mbps)	20	50	100	900	1100	1600	1800
Threat Prevention (Mbps)	10	25	50	90	150	175	220
Lab (RFC 3511, 2544, 2647, 1242 Performance Tests)							
Firewall Throughput (Gbps)	750 Mbps	1.0	1.5	2	2	3.2	4
Connections Per Second (K)	5	5	5	18	25	30	40
Concurrent Sessions (K)	200	200	200	500	500	500	500
VPN Throughput (Mbps)	140	175	220	250	500	500	1000
Network							
Wireless Option	802.11 b/g/n			802.11 b/g/n/ac		802.11 b/g/n and 802.11 n/ac	
ADSL2/ADSL2+ (Annex A or B)	Yes			-		-	
10/100/1000Base-T/Max Ports	10			8		18	
Additional Features							
Security Architecture	Embedded GAiA			Embedded GAiA		Embedded GAiA	
3G, 4G Modem Support	Yes			Yes		Yes	
SD Card Slot	SD			Micro SDHC slot		Micro SDHC slot	
Web-based Management	Available			Available		Available	
Central Management Model	Enterprise Security Management			Enterprise Security Management		Enterprise Security Management	
Physical							
Enclosure	Desktop			Desktop		Desktop	
Weight	1.2kg (2.65 lbs)			1.3kg (2.8 lbs)		1.6kg (3.6 lbs)	
Power							
Power Input	100/240VAC, 50-60Hz			100/240VAC, 50-60Hz		100/240VAC, 50-60Hz	
Single Power Supply Rating	12V/2A 24W - 12V/2.5A 30W (ADSL and Wi-Fi models)			12V/3.33A 40W desktop adaptor		12V/5.4A 65W desktop adaptor	
Power Consumption (Max)	16.68W			25W (non-Wi-Fi), 30W (Wi-Fi option)		55W (non-Wi-Fi), 60W (Wi-Fi option)	

Appliance Comparison Chart



Rugged Appliances¹

	1200R
Production Performance (Real-World Traffic Blend)¹	
SecurityPower	49
Firewall (Mbps)	700
Firewall and IPS (Mbps)	60
RFC 3511, 2544, 2647, 1242 performance tests (LAB)	
Firewall Throughput (Gbps)	2
VPN Throughput (Mbps)	450
Connections Per Second (K)	10
Concurrent Sessions (K)	400
Network	
10/100/1000Base-T (Max)	6
1000Base-F (Max)	2
Additional Features	
3G/4G	Yes
Serial Console Port	Yes
Mount Options	DIN rail
Central Management Model	Enterprise Security Management
Certifications	
Industrial	IEC 61850-3, IEEE 1613, IEC 60068-2
Operating Environment	
Temperature	-40°to167°F / -40° to 75°C
Humidity	20%-90% (non-condensing)
Physical	
Enclosure	Desktop
Weight	1.2 kg (2.65 lbs.)
Power	
AC	100-240V, 50-60 Hz
DC	12V-72V, -48V DC
Power Consumption (Max)	15W

¹ Also see the [\[Siemens RUGGEDCOM APE \(Application Processing Engine\) Line Module\]](#)

Appliance Comparison Chart



X-Series Platforms

	X20	X30	X50	X60	X80-S
Performance					
Firewall IMIX Chassis Throughput (Gbps)	Up to 5	Up to 10	Up to 18	Up to 70	Up to 140
XOS Stateful Connections Per Second	Up to 120K	Up to 120K	Up to 150K	Up to 300K	Up to 600K
XOS Stateless Connections Per Second	NA (not enabled)	NA (not enabled)	Up to 220K	Up to 550K	Up to 1.1M
Maximum Concurrent Connections	8M	8M	18M	70M	100M
Network					
Interfaces	10 x 1Gb SFP ports	10 x 1Gb SFP ports; 2 x 10Gb XFP ports	Up to 16 x 10/1Gb SFP+ ports	Up to 32 x 1Gb SFP/10Gb SFP+ (16 per NPM)	Up to 64 x 1Gb SFP/10Gb SFP+ (16 per NPM)
Modules Support	1 NPM-x, up to 2 APM-x, and 1 CPM-x (included)			Up to 2 NPM-x, up to 5 APM-x, up to 2 CPM-x	Up to 4 NPM-x, up to 10 APM-x, up to 2 CPM-x
Maximum Modules	Up to 4			Up to 7	Up to 14
Application Processor Module (APM) Details					
Processors (per APM)	8 core		4, 8 or 12 core options		
System Memory (per APM)	Up to 16 GB		Up to 12 GB	Up to 24 GB	
Disk Size (per APM)	Up to 2 x 500GB SATA Hard Drives with RAID 1		Up to 2 x 450GB SAS with RAID 1		
Additional Features					
Check Point Software	Security Gateway R77, R76, R75.40, R75.40VS, R75.20, R75, R71.10; Firewall-1 GX 5.0				
Supported Operating System	XOS 9.0.x, 9.5.x, 9.6.x and 9.7.x				
High Availability Options	Dual Box High Availability (DBHA) with another chassis of the same model				
System Management	X-Series Management System (XMS), Greenlight Element Manager (GEM), Command line interface (CLI) with automated workflow system (AWS), SNMP v1 v2 v3 and NetFlow v5 v9 v10 support				
Physical					
Form Factor / Size	13.5" H, 17.5" W, 19" D				29" H, 17.5" W, 17.5" D
Environment	Temperature 0 to 40° C (32-104°F); Humidity: 10%- 90% non-condensing; Altitude: 3048m (10,000ft.)				
Certification	FIPS 140-2 Certified; Under evaluation for Common Criteria EAL4+			Network Equipment Building System (NEBS) Compliant; Under evaluation for Common Criteria EAL4+	
Chassis Regulatory Compliance	RoHS, UL 60950, IEC 950, FCC 47 CFR Part 15 Class A, EN 55022: EN 55024, VCCI V-3: AS/NZS 3548: 1995 : CNS 13438 Class A				
Green IT Compliancy	High-efficiency power system up to 91 percent, WEEE Directive, ISO 14001, RoHS compliant				
Power					
Power Specifications	100-240 VAC 2,700W Rated Maximum				100-240 VAC 5,100W Rated Maximum or 48V DC 100A
Hot-Swappable PSUs (per system)	Ships with 2 x 1,200W 120-240 VAC PSUs				4 PSUs supported
Status Indicators	Power Supply and Module Active Failed status LED, Port Link (NPM, CPM), Minor/Major/Critical Alarm LEDs				

Appliance Comparison Chart



DDoS Protector

	506	1006	2006	4412	8412	12412	10420	20420	30420	40420
Network Grade	Enterprise			Datacenter			Carrier			
Performance¹										
Capacity (Gbps) ²	0.5	1	2	4	8	14	10	20	30	40
Throughput (Gbps) ²	0.5	1	2	4	8	12	10	20	30	40
Max Concurrent Sessions (M)	2	2	2	4	4	4	6	6	6	6
Max DoS Flood Attack Prevention Rate (M)(pps)	1	1	1	10	10	10	25	25	25	25
Latency	< 60 micro seconds									
Real-time Signatures	Detect and protect against attacks in less than 18 seconds									
Network										
Inspection Ports										
10/100/1000 Copper Ethernet	4	4	4	8	8	8	-	-	-	-
1GbE Fiber (SFP)	2	2	2	4	4	4	-	-	-	-
10GbE Fiber (XFP)	-	-	-	4	4	4	-	-	-	-
1/10 GbE (SFP+)	-	-	-	-	-	-	20	20	20	20
40 GbE (QSFP+)	-	-	-	-	-	-	4	4	4	4
Management Ports										
10/100/1000 Copper	2	2	2	2	2	2	2	2	2	2
RS-232 Console	1	1	1	1	1	1	1	1	1	1
Operation Mode										
Network Operation	Transparent L2 Forwarding									
Deployment Modes	In-line; span port monitoring; copy port monitoring; local out-of-path; out-of-path mitigation (scrubbing center solution)									
Tunneling protocols support	VLAN Tagging, L2TP, MPLS, GRE, GTP									
IPv6	Support IPv6 networks and block IPv6 attacks									
Policy Action	Block and Report; Report Only									
Block Actions	Drop packet, reset (source, destination, both), suspend (source, source port, destination, destination port or any combination); Challenge-Response for HTTP and DNS attacks									
High Availability										
Fail-open / Fail-close	Internal fail-open/fail-close for copper ports; internal fail-close for SFP ports; optional fail-open for SFP ports ³			Internal fail-open/fail-close for copper ports; internal fail-close for SFP and XFP ports; optional fail-open for SFP and XFP ports ⁴			Internal fail-close for SFP+ and QSFP+ ports; optional fail-open for SFP+ and QSFP+ ports ⁴			
Clustering	Active-Passive Cluster									
Physical										
Enclosure	1U			2U						
Power										
Dual Power Supply	Optional			Yes - Hot Swappable						
Power Consumption (Max)	177W			476W			634W			

¹ Actual performance figures may change per network configuration, traffic type, etc.

³ External fiber fail-open switch with SFP ports is available at additional cost

² Throughput is measured with behavioral and signature protections using the eCommerce protection profile

⁴ External fiber fail-open switches with SFP or XFP ports are available at additional cost

Appliance Comparison Chart



Virtual Systems Appliances

	4400 Single Unit	4400 VSLS	4600 Single Unit	4600 VSLS	4800 Single Unit	4800 VSLS	5600 Single Unit	5600 VSLS	5800 Single Unit	5800 VSLS	12200 Single Unit	12200 VSLS
Performance												
Firewall Throughput (Gbps)	5	9	9	16.2	11	19.8	25	45	35	63	15	27
VPN Throughput (Gbps)	1.2	2.1	1.5	2.7	2	3.6	6.5	11	10	18	2.5	4.5
Concurrent Sessions (M)	1.2	1.4	1.2	1.4	3.31	3.91	6.4	11	6.4	11	51	61

	12400 Single Unit	12400 VSLS	12600 Single Unit	12600 VSLS	13500 Single Unit	13500 VSLS	13800 Single Unit	13800 VSLS	15400 Single Unit	15400 VSLS	15600 Single Unit	15600 VSLS
Performance												
Firewall Throughput (Gbps)	25	45	30	54	77	138.6	77	138.6	58	104	77	139
VPN Throughput (Gbps)	3.5	6.3	6	10.8	17	30.6	18.3	32.9	10.8	19	15.8	28
Concurrent Sessions (M)	5 ¹	6 ¹	5 ¹	6 ¹	28 ¹	33.6 ¹	28 ¹	33.6 ¹	9.6 ¹	16 ¹	12.8 ¹	21 ¹

	21400 Single Unit	21400 VSLS	21700 Single Unit	21700 VSLS	21800 Single Unit	21800 VSLS	23500 Single Unit	23500 VSLS	23800 Single Unit	23800 VSLS
Performance										
Firewall Throughput (Gbps)	50	90	78	140.4	78	140.4	116	209	128	230
VPN Throughput (Gbps)	7	12.6	11	27	23.5	42.3	26	46	26	46
Concurrent Sessions (M)	10 ¹	12 ¹	13 ¹	15.6 ¹	28 ¹	33.6 ¹	25.6	42	28	46

Public and Private Cloud Virtual Appliances

	VMware ESX 4.0/4.1	VMware vSphere 5/5.1/5.5	VMware vSphere 6.0/6.1	VMware NSX Manager 6.1.x	KVM	Microsoft Hyper-V	Amazon AWS	Microsoft Azure	OpenStack
vSEC Network Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓
vSEC Hypervisor Mode	✓	✓	✓	✓					
Security Management	✓	✓				✓			✓
Multi-Domain Security Management	✓	✓				✓			✓

¹ With memory upgrade and GAIa OS

Software Blades Appliance Comparison Chart

	NGFW	NGDP	NGSWG	NGTP	NGTX
23800				✓	✓
23500				✓	✓
21800	✓	✓	✓	✓	✓
21700	✓	✓	✓	✓	✓
21400	✓	✓	✓	✓	✓
15600				✓	✓
15400				✓	✓
13800	✓	✓	✓	✓	✓
13500	✓	✓	✓	✓	✓
12600	✓	✓	✓	✓	✓
12400	✓	✓	✓	✓	✓
12200	✓	✓	✓	✓	✓
5800				✓	✓
5600				✓	✓
5400				✓	✓
5200				✓	✓
4800	✓	✓	✓	✓	✓
4600	✓	✓	✓	✓	✓
4400	✓	✓	✓	✓	✓
4200	✓	✓		✓	✓
3200				✓	✓
2200	✓	✓		✓	✓
1200R	✓			✓	
1400	✓			✓	
1100	✓			✓	

✓ = Available

Software Blades Appliance Comparison Chart (Continued)

	NGFW	NGDP	NGSWG	NGTP	NGTX
Security Gateway Software Blades					
Firewall	✓	✓	✓	✓	✓
Identity Awareness	✓	✓	✓	✓	✓
IPsec VPN	✓	✓	✓	✓	✓
Advanced Networking & Clustering	✓	✓	✓	✓	✓
Mobile Access	✓	✓		✓	✓
IPS	✓	✓		✓	✓
Application Control	✓	✓	✓	✓	✓
DLP		✓			
URL Filtering			✓	✓	✓
Antivirus			✓	✓	✓
Anti-Spam				✓	✓
Anti-Bot				✓	✓
SandBlast Threat Emulation					✓
SandBlast Threat Extraction					✓
Security Management Software Blades					
Network Policy Management	✓	✓	✓	✓	✓
Logging & Status	✓	✓	✓	✓	✓
SmartEvent			✓		

Mobile Access Software Blade:

The 23000, 21000, 15000, 13000, 12000, 5000, 4000, 3200 and 2200 include 5 users in the default package and this can be extended using the Mobile Access packages

The 1200R includes Mobile Access for 20 users

The 1430, 1450, 1470, 1490 includes Mobile Access for 100 users

The 1120, 1140, 1180 includes Mobile Access for 5, 10 and 20 users respectively

Optional Security Management Software Blades available:

SmartWorkflow, Monitoring, Management Portal, User Directory, SmartProvisioning, SmartReporter, SmartEvent, Endpoint Policy Management, Compliance

✓ = Included