Security Gateway Appliances

| | 2200 | 4200 | 4400 | 4600 | 4800 |
|--|----------------------------------|----------------|---------------------|---------------------------------------|-----------------------|
| | Small-Office | | Enterpri | se Grade | |
| Production Performance (SecurityPower | Benchmark - version R77 and late | r) | | | |
| 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 | e Tests (LAB) | | | | |
| Firewall Throughput (Gbps) | 3 | 3 | 5 | 9 | 11 |
| /PN Throughput (Gbps) | 0.4 | 0.4 | 1.2 | 1.5 | 2 |
| PS 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 |
| FONIC Option | No | Yes | Yes | Yes | Yes |
| Additional Features | | | | | |
| Storage | 250 GB | 250 GB | 250 GB | 250 GB | 250 GB |
| Memory / Max | 2/2 GB | 4/4 GB | 4/4 GB | 4/4 GB | 4/8 GB |
| _OM Card | NA | NA | NA | NA | Included |
| /irtual 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 ⁶ | Optional ⁶ |





Security Gateway Appliances continued

| | 12200 | 12400 | 12600 | 13500 | 13800 | | |
|-----------------------------------|--------------------------------------|--------------------|---------------------|----------------------|----------------------|--|--|
| | | Data Center Grade | | Ultra-H | igh End | | |
| Production Performance (Security | Power Benchmark - version R77 and la | ater) | | | | | |
| 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 perfor | mance tests (LAB) | | | | | | |
| Firewall Throughput (Gbps) | 15 | 25 | 30 | 77 | 77 | | |
| VPN Throughput (Gbps) | 2.5 | 3.5 | 7 | 17 | 18.3 | | |
| PS 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 | | |
| 10GBase-F SFP+ (MAX Ports) | 4 | 12 | 12 | 12 | 12 | | |
| 10GBase-F MAX Ports | NA | NA | NA | NA | NA | | |
| Expansion Slot | 1 | 3 | 3 | 3 | 3 | | |
| FONIC 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 | | |
| /irtual 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 | | |
| Veight | 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 | Optional⁵ | Optional⁵ | Optional⁵ | Optional | Optional | | |





Security Gateway Appliances continued

| | 21400 | 21600 | 21700 | 21800 | 41000 | 61000 |
|-----------------------------------|---------------------------|----------------------|------------------------|------------------------|---------------------------|-----------------------------|
| | | | Ultra-H | igh End | | |
| Production Performance (Security | Power Benchmark - version | R77 and later) | | | | |
| SecurityPower | 2175/2900 ¹ | 2788/33001 | 3300/3551 ¹ | 4100/4300 ¹ | 3200 to 11000 | 3200 to 33000 |
| Firewall (Gbps) | 17.1/44.3 ¹ | 22/44.3 ¹ | 25.4/44.5 ¹ | 30.4/44.5 ¹ | Up to 40 | Up to 120 |
| Firewall and IPS (Gbps) | 3.67 | 4.56 | 5.7 | 6.9 | Up to 25 | Up to 70 |
| RFC 3511, 2544, 2647, 1242 perfor | mance tests (LAB) | | | | | |
| Firewall Throughput (Gbps) | 50/110 ¹ | 75/110 ¹ | 78/110 ¹ | 78/110 ¹ | Up to 80 | Up to 400 |
| VPN Throughput (Gbps) | 7/50 ¹ | 8.5/50 ¹ | 11/50 ¹ | 23.5/50 ¹ | Up to 40 | Up to 110 |
| IPS Recommended Profile (Gbps) | 6 | 6.8 | 8 | 9.9 | Up to 44 | Up to 130 |
| Connections Per Second (K) | 130/300 ¹ | 140/300 ¹ | 170/300 ¹ | 198/300 ¹ | Up to 1100 | Up to 3000 |
| Concurrent Sessions (M) | 10 ² | 13 ² | 13² | 28 ² | Up to 80 | Up to 210 |
| Network | | | | | | |
| 10/100/1000Base-T/Max Ports | 13/37 | 13/37 | 13/37 | 13/37 | 14 | 14 |
| 1000Base-F SFP (MAX Ports) | 36 | 36 | 36 | 36 | 28 | 28 |
| 10GBase-F SFP+ (MAX Ports) | 12 | 13 | 13 | 13 | 30 | 60 ³ |
| 40GBase-F MAX Ports | NA | NA | NA | NA | 4 | 83 |
| Expansion Slot | 3 | 3 | 3 | 3 | 6 | 14 |
| FONIC Option | No | No | No | No | No | No |
| Additional Features | | | | | | |
| Storage | 2x500 GB RAID 1 | 2x500GB RAID 1 | 2x500GB RAID 1 | 2x500GB RAID 1 | • | - |
| Memory / Max | 12/24 GB | 16/32 GB | 16/64 GB | 16/64 GB | 64/64 GB ⁴ | 24/64 GB ⁴ |
| LOM Card | Included | Included | Included | Included | Included | Included |
| Virtual Systems | | | | | | |
| Default/Max VS Supported | 125/250 ² | 150/250 ² | 150/250 ² | 150/250 ² | 150/250 ² | 125/250 ² |
| Physical | | | | | | |
| Enclosure | 2U | 2U | 2U | 2U | 6U | 15U |
| Weight | 26kg (57.4 lbs) | 26kg (57.4 lbs) | 26kg (57.4 lbs) | 26kg (57.4 lbs) | Max: 38.6kg (84.9 lbs) | Max: 97.24kg (214.4 lbs) |
| Power | | | | | | |
| Hot-Swappable Power Supplies | 2 AC | 2 AC | 2 AC | 2 AC | 3 AC | 5 AC or 2 DC |
| Power Input | | 100-240VA | AC, 47-63Hz | | See | data sheet |
| Single Power Supply Rating | 910W | 1200W | 1200W | 1200W | 1200W@110V; 1500W@230V | 1200W @ 110V, 1600W @ 220V |
| Power Consumption (Max) | 449W/744W1 | 449W/744W1 | 489W/784W1 | 489W/784W1 | 2300W | 5500W |
| DC Option | Optional⁵ | Optional⁵ | Optional⁵ | Optional⁵ | No | Yes |





SMB and Industrial

| | UTM-1 Edge N Industrial | UTM-1 Edge N | 620/1120 | 640/1140 | 680/1180 | | |
|-------------------------------------|---|------------------------------------|--------------------|------------------------|----------------------|--|--|
| Production Performance (SecurityPe | ower Benchmark) | | | | | | |
| SecurityPower | - | - | 28 | 34 | 37 | | |
| Firewall (Mbps) | - | - | | Up to 350 ¹ | 1 | | |
| Firewall and IPS (Mbps) | - | - | | Up to 30 ¹ | | | |
| RFC 3511, 2544, 2647, 1242 performa | ance tests (LAB) | | | | | | |
| Firewall Throughput | 1.0 Gbps | 1.0 Gbps | 750 Mbps | 1.0 Gbps | 1.5 Gbps | | |
| VPN Throughput (Mbps) | 200 | 200 | 140 | 175 | 220 | | |
| IPS Recommended Profile (Mbps) | - | - | 50 | 67 | 100 | | |
| AV Throughput (Mbps) | - | - | 50 | 67 | 100 | | |
| Connections Per Second (K) | - | - | | 5 | | | |
| Concurrent Sessions (K) | 60 | 60 | | 200 | | | |
| Network | | | | | | | |
| Wireless Option | No | Yes | | Yes | | | |
| ADSL2/ADSL2+ (Annex A or B) | No | Yes | | Yes | | | |
| 10/100/1000Base-T/Max Ports | 6 | 6 | | 10 | | | |
| 1000Base-F SFP (MAX Ports) | 1 | 1 (N ADSL) | | - | | | |
| VLANs | 64 | 64 | | 1024 | | | |
| Additional Features | | | | | | | |
| Security Architecture | Embedded NGX | Embedded NGX | | Software Blades | | | |
| 3G, 4G Modem Support | 3G | 3G | | Yes | | | |
| Recommended Users | 8/16/32/Unlimited | 8/16/32/Unlimited | | 10/25/50 | | | |
| Web-based Management | Available | Available | | Available | | | |
| Industrial Certifications | IEC61850-3, IEEE 1613, CISPR 22 | - | | - | | | |
| Virtual Systems | | | | | | | |
| Virtual Systems Support | No | No | | No | | | |
| Physical | | | | | | | |
| Enclosure | Desktop | Desktop | | Desktop | | | |
| Weight | 0.68kg (1.49 lbs) | 0.7kg (1.6lbs) | | 1.2kg (2.65 lbs) | | | |
| Power | | | | | | | |
| Power Input | AC (100/240V, 50/60Hz), DC (+12V DC@2A, +12 to +60V DC@2A to 0.4A, -48V DC@0.5A) | 100/240V, 50/60Hz | | 100/240VAC, 50-60Hz | | | |
| Single Power Supply Rating | 24W | 24W | 12V/2A DC 24W - 12 | 2V/2.5A DC 30W (ADSL | and Wireless models) | | |
| Power Consumption (Max) | 11.5W | 21W (including USB devices) 16.68W | | | | | |

¹Sizing recommendation based on number of users





Integrated Appliance Solution (IAS) Appliances

| | IAS D1 | IAS D2 | IAS D6 | IAS D8 | IAS M2 | IAS M6 | IAS M8 | IAS R1 | IAS R2 | IAS R6 | IAS R8 |
|---|----------------------|---------------------|---------------------|--------------------|----------------------|----------------------|----------------------|------------------|--------------------|-----------------------|------------------|
| Production Performance (Secur | ityPower Bench | nmark) | 1 | | | | | | | | |
| SecurityPower | 230 | 795 | 1185 | 2050 | 795 | 811 | 1906 | 230 | 795 | 1185 | 2050 |
| Firewall (Gbps) | 2.2 | 5.8 | 9.1 | 14 | 3.4 | 6.2 | 14 | 2.2 | 5.8 | 9.1 | 14 |
| Firewall and IPS (Gbps) | 0.36 | 1.1 | 2.11 | 3.58 | 0.63 | 1.28 | 3.58 | 0.36 | 1.1 | 2.11 | 3.58 |
| RFC 3511, 2544, 2647, 1242 per | formance tests | (LAB) | | | | | | | | | |
| Firewall Throughput ¹ (Gbps) | 5 | 11 | 25 | 30 | 9 | 15 | 30 | 5 | 11 | 25 | 30 |
| VPN Throughput ¹ (Gbps) | 1.2 | 2 | 3.5 | 7 | 1.5 | 2.5 | 7 | 1.2 | 2 | 3.5 | 7 |
| IPS Recommended Profile ² (Gbps) | 0.7 | 1.5 | 3.5 | 6 | 1 | 2.5 | 6 | 0.7 | 1.5 | 3.5 | 6 |
| Concurrent Sessions (M) | 1.2 | 3 ³ | 5 ³ | 5 ³ | 1.2 | 5 ³ | 5 ³ | 1.2 | 3 ³ | 5 ³ | 5 ³ |
| Connections Per Second (K) | 40 | 90 | 110 | 130 | 50 | 90 | 130 | 40 | 90 | 110 | 130 |
| Network | | | | | | | | | | | |
| 10/100/1000Base-T (MAX Ports) | 6/6 | 8/12 | 12/12 | 16/28 | 4/10 | 10/10 | 14/18 | 6/10 | 6/14 | 10/14 | 14/26 |
| 1000Base-F SFP (MAX Ports) | 0/4 | 0/8 | 0/8 | 0/24 | 0/8 | 0/8 | 0/16 | 0/4 | 0/6 | 0/6 | 0/12 |
| 10GBase-F SFP+ (MAX Ports) | 0/2 | 0/4 | 0/4 | 0/12 | 0/4 | 0/4 | 0/16 | 0/0 | 0/6 | 0/6 | 0/12 |
| Expansion Slot | 2 | 2 | 2 | 6 | 2 | 2 | 4 | 2 | 3 | 3 | 6 |
| Additional Features | | | | | | | | | | | |
| Storage | 1 x 500 GB | 2 x 146 GB | 2 x 146 GB | 2 x 146 GB | 2 x 146 GB | 2 x 146 GB | 2 x 146 GB | 2 x 250 GB | 2 x 146 GB | 2 x 146 GB | 2 x 146 GB |
| Memory / Max | 8/16 | 8/16 | 16/32 | 32/64 | 4/4 | 8/8 | 16/16 | 8/8 | 8/16 | 16/32 | 32/64 |
| Virtual Systems | | | | | | | | | | | |
| Virtual Systems Support | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Physical | | | | | | | | | | | |
| Enclosure | 1U | 1U | 1U | 2U | 1U | 1U | 2U | 1U | 1U | 1U | 2U |
| Weight | 9.5 kg (20.9 lbs) | 20.41kg (45 lbs) | 20.41kg (45 lbs) | 31.3kg (69 lbs) | 16.1kg (35.5 lbs) | 16.1kg (35.5 lbs) | 26.1kg (57.5 lbs) | 14kg (31 lbs) | 17kg (37.5 lbs) | 17.92kg (39.5 lbs) | 25kg (55 lbs) |
| Power | | | | | | | | | | | |
| Dual, Hot-Swappable Power Supplies | Optional | Included | Optional | Included | Included | Included | Included | Included | Included | Included | Included |
| Power Input | 100~240V, 47~63Hz | | | 100~240\ | /, 50~60Hz | | | | 100~240\ | /, 47~63Hz | |
| Single Power Supply Rating | 400W | 750W | 750W | 1200W | 675W | 675W | 1300W | 300W | 450W | 450W | 730W |
| Power Consumption (Max) | 180W | 212W | 212W | 342W | 180W | 212W | 342W | 195W | 178W (min) | 178W (min) | 504W |

¹ Raw throughput is based on RFC 3511 with 1518 bytes UDP packets.

² Recommended IPS Profile, IMIX traffic blend ³ With memory upgrade and GAiA OS





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) | (16 per NPM) | | | | | | | |
| Modules Support | 1 NPM | -x, up to 2 APM-x, and 1 CPM-x (i | ncluded) | 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-> | | | | | | | |
| Maximum Modules | | Up to 4 | | Up to 7 | Up to 14 | | | | | | | |
| Application Processor Module (APM) | Details | | | | | | | | | | | |
| Processors (per APM) | 8 c | 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, R | 76, R75.40, R75.40VS, R75.20, R75 | VS, 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 Ava | ilability (DBHA) with another chassis | s of the same model | | | | | | | | |
| System Management | X-Series Manageme | nt System (XMS), Greenlight Elelm SNMI | ent Manager (GEM), Command line P v1 v2 v3 and NetFiow v5 v9 v10 s | e interface (CLI) with automated wor support | kflow system (AWS), | | | | | | | |
| Physical | | | | | | | | | | | | |
| Form Factor / Size | | 13.5" H, 17 | 7.5" W, 19" D | | 29" H, 17.5" W, 17.5" D | | | | | | | |
| Environment | | Temperature 0 to 40' C (32-104' | F); Humidity: 10%- 90% non-conde | ensing; Altitude: 3048m (10,000ft.) | | | | | | | | |
| Certification | FIPS 140-2 Cer | tified; Under evaluation for Commo | on Criteria EAL4+ | Network Equipment Building Under evaluation for C | | | | | | | | |
| Chassis Regulatory Compliance | RoHS, UL 609 | CI V-3: AS/NZS 3548: 1995 : CNS | 13438 Class A | | | | | | | | | |
| Green IT Compliancy | | , ISO 14001, RoHS compliant | | | | | | | | | | |
| Power | | | | | | | | | | | | |
| Power Specifications | | 100-240 VAC 2,700W Rated Maximum 100-240 VAC 5,100 Maximum or 48V | | | | | | | | | | |
| Hot-Swappable PSUs (per system) | | Ships with 2 x 1,200 | W 120-240 VAC PSUs | | 4 PSUs supported | | | | | | | |
| Status Indicators | Pc | wer Supply and Module Active I F | ailed status LED, Port Link (NPM, C | CPM), Minor/Major/Critical Alarm LE | Ds | | | | | | | |





DDoS Protector

| | 506 | 1006 | 2006 | 3006 | 4412 | 8412 | 12412 |
|---|-------------------------------------|--|---|---------------------------------|----------------------------------|--|-----------------|
| Performance ¹ | | | | | | | |
| Capacity ² | 500Mbps | 1Gbps | 2Gbps | 3Gbps | 4Gbps | 8Gbps | 14Gbps |
| Throughput ³ | 500Mbps | 1Gbps | 2Gbps | 3Gbps | 4Gbps | 8Gbps | 12Gbps |
| Max Concurrent Sessions (M) | 2 | 2 | 2 | 2 | 4 | 4 | 4 |
| Max DoS Flood Attack Prevention Rate (M, packets-per-second) | 1 | 1 | 1 | 1 | 10 | 10 | 10 |
| _atency | | | | < 60 micro seconds | | | |
| Real-time Signatures | | | Detect and pro | tect against attacks in less th | han 18 seconds | | |
| Network | | | | | | | |
| nspection Ports | | | | | | | |
| 0/100/1000 Copper Ethernet | 4 | 4 | 4 | 4 | 8 | 8 | 8 |
| IGbE Fiber (SFP) | - | 2 | 2 | 2 | 4 | 4 | 4 |
| I0GbE Fiber (XFP) | - | - | - | - | 4 | 4 | 4 |
| Management Ports | | | | | | | |
| 0/100/1000 Copper Ethernet | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| RS-232 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Operation Mode | | | | | | | |
| letwork Operation | | | | Transparent L2 Forwarding | | | |
| Deployment Modes | | In-li | ne; span port monitoring; c | opy port monitoring; local ou | t-of-path; out-of-path mitiga | ation | |
| Funneling protocols support | | | VLAN | I Tagging, L2TP, MPLS, GRE | , GTP | | |
| Pv6 | | | Support | IPv6 networks and block IPv | 6 attacks | | |
| Policy Action | | | E | Block and Report; Report On | ly | | |
| Block Actions | Drop packet | , reset (source, destination, | both), suspend (source, src | port, destination, dest port o | or any combination); Challen | ge-Response for HTTP and | DNS attacks |
| High Availability | | | | | | | |
| Fail-open / Fail-close | Internal fa | il-open/fail-close for copper optional fail-ope | ports; internal fail-close for en for SFP ports ⁴ | SFP ports; | | ail-close for copper ports; ir rts; optional fail-open for SF | |
| Physical | | | | | | | |
| Enclosure | | 1 | U | | | 2U | |
| Veight (lb/kg) | | 15.9 | / 7.2 | | | 39.0 / 18.0 | |
| Power | | | | | | | |
| Power Input | Aut | to Range: 100V-120V/200V-2 | 240VAC; 47-63Hz or 38-72 | /DC | Auto Range: 100 | V-120V/200V-240VAC; 50-6 | 0Hz or 38-72VDC |
| Power Consumption (Max) | | 17 | 7W | | | 476W | |
| tual performance figures may change per | r network configuration. traffic tv | pe. etc. | ² Cap | acity is measured as maximum tr | affic forwarding when no securit | ty profiles are configured | |

¹ Actual performance figures may change per network configuration, traffic type, etc. ³ Throughput is measured with behavioral protections and signature protections using eCommerce protection profile

² Capacity is measured as maximum traffic forwarding when no security profiles are configured ⁴ External fiber fail-open switch with SFP ports is available at additional cost

⁵ External fiber fail-open switches with SFP or XFP ports are available at additional cost





Virtual Systems Appliances

| | 4400 Single Unit | 4400 VSLS | 4600 Single Unit | 4600 VSLS | 4800 Single Unit | 4800 VSLS | 12200 Single Unit | 12200 VSLS | 12400 Single Unit | 12400 VSLS | 12600 Single Unit | 12600 VSLS |
|--|---------------------|--------------|---------------------|----------------|---------------------|----------------|----------------------|---------------|----------------------|---------------|----------------------|----------------|
| Performance | | | | | | | | | | | | |
| Firewall Throughput (Gbps) | 5 | 9 | 9 | 16.2 | 11 | 19.8 | 15 | 27 | 25 | 45 | 30 | 54 |
| VPN Throughput (Gbps) | 1.2 | 2.1 | 1.5 | 2.7 | 2 | 3.6 | 2.5 | 4.5 | 3.5 | 6.3 | 6 | 10.8 |
| Concurrent Sessions (M) | 1.2 | 1.4 | 1.2 | 1.4 | 3.31 | 3.91 | 51 | 61 | 5 ¹ | 61 | 5 ¹ | 6 ¹ |
| Additional Features | | | | | | | | | | | | |
| Virtual Systems (Included/Capacity) | 5/10 | 5/10 | 5/10 | 5/10 | 10/25 | 10/25 | 10/50 | 10/50 | 10/75 | 10/75 | 20/150 | 20/150 |
| Software Blades | | | | | | | | | | | | |
| Security Gateway | | | Firewall, VPN | , Identity Awa | reness, Advance | d Networking a | and Clustering, M | obile Access, | IPS, and Applic | ation Control | | |

Virtual Systems Appliances

| | 13500 Single Unit | 13500 VSLS | 13800 Single Unit | 13800 VSLS | 21400 Single Unit | 21400 VSLS | 21600 Single Unit | 21600 VSLS | 21700 Single Unit | 21700 VSLS | 21800 Single Unit | 21800 VSLS |
|--|----------------------|-------------------|----------------------|-------------------|----------------------|-----------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|
| Performance | | | | | | | | | | | | |
| Firewall Throughput (Gbps) | 77 | 138.6 | 77 | 138.6 | 50 | 90 | 75 | 135 | 78 | 140.4 | 78 | 140.4 |
| VPN Throughput (Gbps) | 17 | 30.6 | 18.3 | 32.9 | 7 | 12.6 | 8.5 | 15.3 | 11 | 27 | 23.5 | 42.3 |
| Concurrent Sessions (M) | 28 ¹ | 33.6 ¹ | 28 ¹ | 33.6 ¹ | 10 ¹ | 12 ¹ | 13 ¹ | 15.6 ¹ | 13 ¹ | 15.6 ¹ | 28 ¹ | 33.6 ¹ |
| Additional Features | | | | | | | | | | | | |
| Virtual Systems (Included/Capacity) | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 | 20/250 |
| Software Blades | | | | | | | | | | | | |
| Security Gateway | | | Firewall, VPN | , Identity Awar | eness, Advance | d Networking a | and Clustering, N | Iobile Access, | IPS, and Applic | ation Control | | |

¹ With memory upgrade and GAiA OS





Software Blades Appliance Comparison Chart

| | | 22 | 200 | | | 42 | 200 | | | 44 | 00 | | | 46 | 00 | | | 48 | 300 | |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | FW | NGFW | NGDP | NGTP | FW | NGFW | NGDP | NGTP | NGFW | NGDP | NGTP | SWG | NGFW | NGDP | NGTP | SWG | NGFW | NGDP | NGTP | SWG |
| Security Gateway Software Blades | | | | | | | | | | | | | | | | | | | | |
| Firewall | \checkmark |
| Identity Awareness | \checkmark |
| IPsec VPN | \checkmark |
| Advanced Networking & Clustering | \checkmark |
| Mobile Access ¹ | \checkmark | * | \checkmark | \checkmark | \checkmark | * | \checkmark | \checkmark | \checkmark | * |
| IPS | * | \checkmark | \checkmark | \checkmark | * | \checkmark | \checkmark | \checkmark | \checkmark | \checkmark | \checkmark | * | \checkmark | \checkmark | \checkmark | * | \checkmark | \checkmark | \checkmark | * |
| Application Control | * | \checkmark | \checkmark | \checkmark | * | \checkmark |
| DLP | * | * | \checkmark | * | * | * | \checkmark | * | * | \checkmark | * | * | * | \checkmark | * | * | * | \checkmark | * | * |
| URL Filtering | * | * | * | \checkmark | * | * | * | \checkmark | * | * | \checkmark | \checkmark | * | * | \checkmark | \checkmark | * | * | \checkmark | \checkmark |
| Antivirus | * | * | * | \checkmark | * | * | * | \checkmark | * | * | \checkmark | \checkmark | * | * | \checkmark | \checkmark | * | * | \checkmark | \checkmark |
| Anti-Spam & Email Security | * | * | * | \checkmark | * | * | * | \checkmark | * | * | \checkmark | * | * | * | \checkmark | * | * | * | \checkmark | * |
| Anti-Bot | * | * | * | \checkmark | * | * | * | \checkmark | * | * | \checkmark | * | * | * | \checkmark | * | * | * | \checkmark | * |
| Security Management Software Blades | | | | | | | | | | | | | | | | | | | | |
| Network Policy Management | \checkmark |
| Logging & Status | \checkmark |
| SmartEvent | * | * | * | * | * | * | * | * | * | * | * | \checkmark | * | * | * | \checkmark | * | * | * | \checkmark |

¹ Mobile Access for 5 users is included in default package-to extend the package use the Mobile Access packages

Optional Security Management Software Blades available:

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

 \checkmark = Included * = Optional NA = Not Available



Software Blades Appliance Comparison Chart continued

| | | 12 | 200 | | | 124 | 400 | | | 120 | 600 | | | 135 | 500 | | | 13 | 800 | |
|----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | NGFW | NGDP | NGTP | SWG |
| Security Gateway Software Blades | | | | | | | | | | | | | | | | | | | | |
| Firewall | \checkmark |
| Identity Awareness | \checkmark |
| IPsec VPN | \checkmark |
| Advanced Networking & Clustering | \checkmark |
| Mobile Access ¹ | \checkmark | \checkmark | \checkmark | * |
| IPS | \checkmark | \checkmark | \checkmark | * |
| Application Control | \checkmark |
| DLP | * | \checkmark | * | * |
| URL Filtering | * | * | \checkmark | \checkmark |
| Antivirus | * | * | \checkmark | \checkmark |
| Anti-Spam & Email Security | * | * | \checkmark | * |
| Anti-Bot | * | * | \checkmark | * |
| Security Management Software Bla | ades | | | | | | | | | | | | | | | | | | | |
| Network Policy Management | \checkmark |
| Logging & Status | \checkmark |
| SmartEvent | * | * | * | \checkmark |

¹ Mobile Access for 5 users is included in default package-to extend the package use the Mobile Access packages

Optional Security Management Software Blades available:

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

 \checkmark = Included * = Optional NA = Not Available



Software Blades Appliance Comparison Chart continued

| | | 214 | 400 | | | 21 | 600 | | | 21 | 700 | | | 21 | 800 | | 41000 | 61000 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | NGFW | NGDP | NGTP | SWG | 41005 | 61005 |
| Security Gateway Software Blades | | | | | | | | | | | | | | | | | | |
| Firewall | \checkmark |
| Identity Awareness | \checkmark |
| IPsec VPN | \checkmark |
| Advanced Networking & Clustering ² | \checkmark |
| Mobile Access ¹ | \checkmark | \checkmark | \checkmark | * | * | * |
| IPS | \checkmark | \checkmark | \checkmark | * | * | * |
| Application Control | \checkmark | * | * |
| DLP | * | \checkmark | * | * | * | * |
| URL Filtering | * | * | \checkmark | \checkmark | * | * |
| Antivirus | * | * | \checkmark | \checkmark | * | * |
| Anti-Spam & Email Security | * | * | \checkmark | * | NA | NA |
| Anti-Bot | * | * | \checkmark | * | * | * |
| Security Management Software Blac | des | | | | | | | | | | | | | | | | | |
| Network Policy Management | \checkmark | NA | NA |
| Logging & Status | \checkmark | NA | NA |
| SmartEvent | * | * | * | \checkmark | NA | NA |

¹ Mobile Access for 5 users is included in default package—to extend the package use the Mobile Access packages ² Counted separately in the 41000 and 61005

Optional Security Management Software Blades available:

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

 \checkmark = Included * = Optional NA = Not Available

