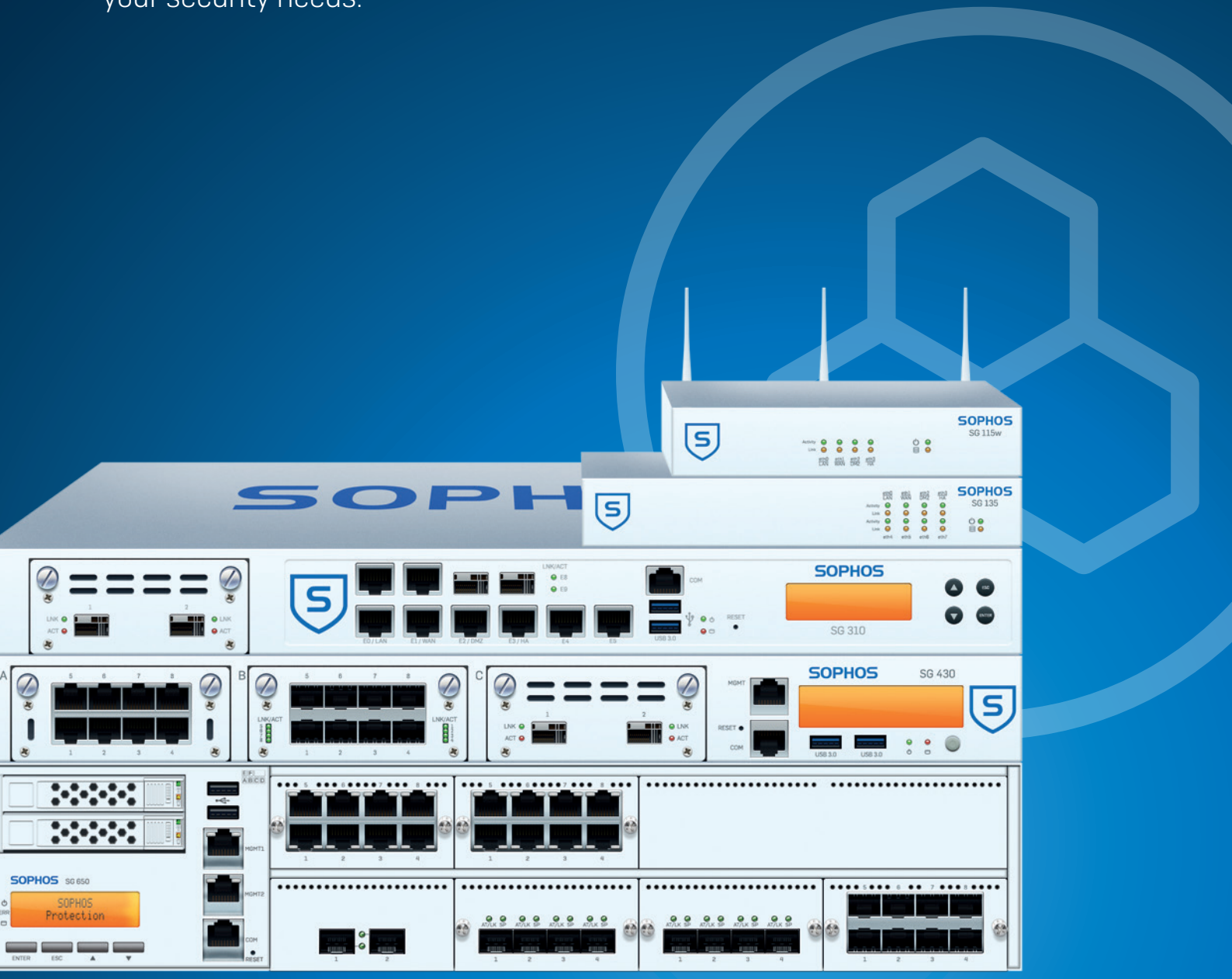
SOPHOS

Security made simple.

# Sophos SG Series Appliances

## Unleash the full potential of your network

With bandwidth requirements constantly increasing, network security appliances need to do more than ever before. The Sophos SG Series appliances are built to provide optimal performance, versatility, and efficiency to meet all your security needs.



# Unleash the full potential of your network

The Sophos SG Series appliances are designed to provide the optimal balance between performance and protection – for diverse IT environments. Whether you need a solution for a small remote office, want to protect your school campus, or are a global organization requiring high-availability and enterprise-grade features, our SG Series appliances are an ideal fit.

## Versatile

### Appliances to suit every environment

Our broad product line-up makes it easy for you to choose the right appliance. A higher model number indicates higher throughput and an increased number of ports or connectivity options.

And as every software subscription is available on every appliance, you can flexibly size the solution to fit your budget and your individual security needs. Next-generation firewall features or all-in-one security on a single box, it's your choice.

## Rapid

### Proven performance on all models

Our appliances are built upon the most advanced Intel technology. Optimized use of multi-core processors allows consolidation of your security solutions without a performance trade-off.

With faster than ever firewall, IPS and VPN throughput speeds, our SG Series appliances effortlessly handle multiple tasks simultaneously. Plus, you can easily scale up by dynamically clustering up to 10 units without external load balancers.

## Responsive

### Technology built to process data in real-time

Your network is constantly changing so your protection needs to be adaptive. All our appliances have integrated solid state disks (SSDs) for local storage of spam quarantine data and faster access to comprehensive reports and real-time logs.

Accelerated in-memory content scanning in secure proxy mode makes your defenses more effective and efficient.

## Reliable

### Engineered for business – today and tomorrow

Using the latest Intel technology, our products provide the utmost in flexibility. Add to your protection as you need it - without changing or upgrading your hardware. That means you benefit from future software and performance enhancements which guarantees the best possible value for money.

Redundancy features such as an additional hard-drive or power supply are available on the 1U SG 450 and on both of our 2U appliances.

## Modular

### Flexible configuration options on many models

Configure your hardware to suit your infrastructure and change it as and when you need to. Our optional FleXi Port LAN modules give you the freedom to select the connectivity you need – copper, fiber, 10GbE – you decide.

FleXi Port modules are interchangeable within a range, e.g. 1U, so, for example, you can use the same module with all of your 1U appliances which saves you money if you upgrade to a different model at a later date.

## Connected

### Full wireless coverage – for every office

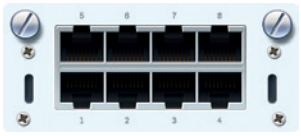
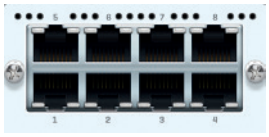
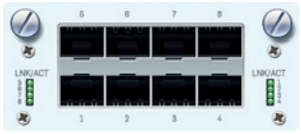
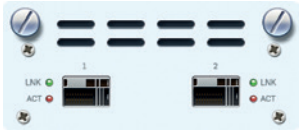
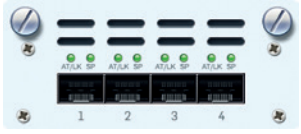
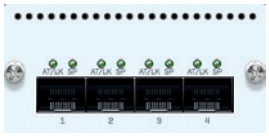
Our SG 100 Series desktop models with integrated wireless are a very tidy solution for even the most compact office space. As the access point is built in, you do not require any extra hardware. Should you need additional coverage or have a larger space, you can add Sophos access points.

Every one of our appliances has a built-in wireless controller for you to connect Sophos access points and manage them simply from your central management console.

# FleXi Port Modules

Configure your hardware to suit your infrastructure and change it as and when you need to. Our optional FleXi Port LAN modules give you the freedom to select the connectivity you need – copper, fiber, 10GbE – you decide.

In some cases, FleXi Port modules are interchangeable within a range of appliances, so, for example, you can use the same module with all of your 1U appliances which saves you money if you upgrade to a higher model at a later date.

| FleXi Port Modules for 1U | FleXi Port Modules for 2U |
|---|---|
|  <br>8 port GbE copper FleXi Port module (for SG/XG 2xx/3xx/4xx only) |  <br>8 port GbE copper FleXi Port module (for SG/XG 550/650 Rev.2 and XG 750 only) |
|  <br>8 port GbE SFP FleXi Port module (for SG/XG 2xx/3xx/4xx only) | <br>8 port GbE SFP FleXi Port module (for SG/XG 550/650 Rev.2 and XG 750 only) |
|  <br>2 port 10 GbE SFP+ FleXi Port module (for SG/XG 2xx/3xx/4xx only) | <br>2 port 10 GbE SFP+ FleXi Port module (for SG/XG 550/650 Rev.2 and XG 750 only) |
|  <br>4 port 10 GbE SFP+ FleXi Port module (for SG/XG 2xx/3xx/4xx only) |  <br>4 port 10 GbE SFP+ FleXi Port module (for SG/XG 550/650 Rev.2 and XG 750 only) |

**Please note**: Transceivers (mini GBICs) are sold separately.

# Sophos SG Series Appliances – at a glance

## Product Matrix

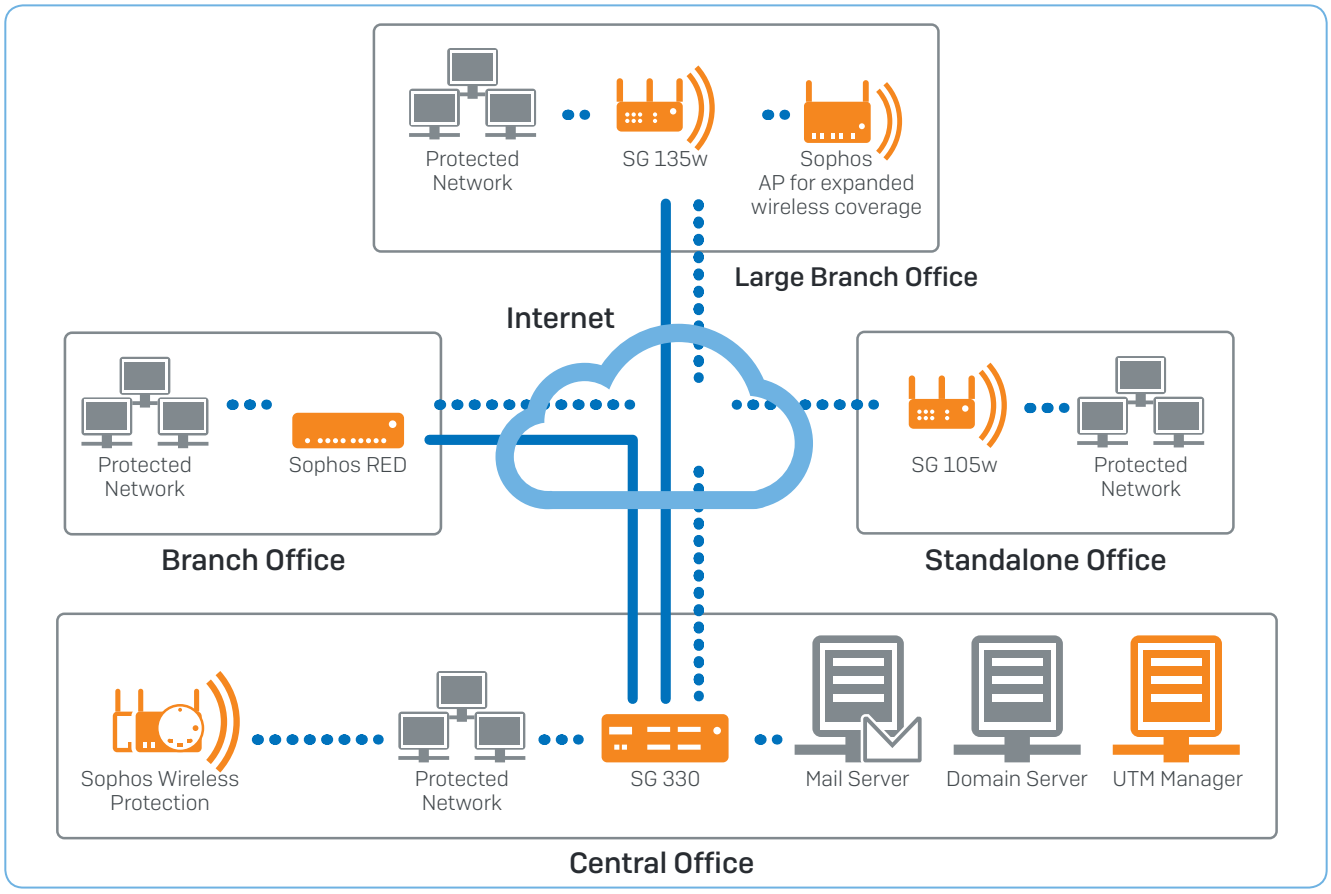
| Model | | | Tech. Specs | | | Throughput | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Revision # | Form Factor | Ports/Slots (Max Ports) | w-model 802.11 wireless | Swappable Components | Firewall (Mbps) | VPN (Mbps) | NGFW (Mbps) | AV-proxy (Mbps) |
| **SG 105(w)** | 2 | desktop | 4 | a/b/g/n | n/a | 1,500 | 325 | 350 | 90 |
| **SG 115(w)** | 2 | desktop | 4 | a/b/g/n | n/a | 2,300 | 425 | 500 | 120 |
| **SG 125(w)** | 2 | desktop | 8 | a/b/g/n/ac | n/a | 3,100 | 500 | 750 | 200 |
| **SG 135(w)** | 2 | desktop | 8 | a/b/g/n/ac | n/a | 6,000 | 1,000 | 1,500 | 350 |
| **SG 210** | 2 | 1U | 6/1 (14) | n/a | n/a | 11,000 | 1,000 | 2,000 | 500 |
| **SG 230** | 1 | 1U | 6/1 (14) | n/a | n/a | 13,000 | 2,000 | 3,000 | 800 |
| **SG 310** | 1 | 1U | 10/1 (18) | n/a | n/a | 17,000 | 3,000 | 5,000 | 1,200 |
| **SG 330** | 1 | 1U | 10/1 (18) | n/a | n/a | 20,000 | 4,000 | 6,000 | 1,500 |
| **SG 430** | 1 | 1U | 8/3 (24) | n/a | n/a | 25,000 | 4,000 | 7,000 | 2,000 |
| **SG 450** | 1 | 1U | 8/3 (24) | n/a | opt. Power | 27,000 | 5,000 | 8,000 | 2,500 |
| **SG 550** | 2 | 2U | 8/4 (32) | n/a | Power, SSD, Fan | 45,000 | 8,000 | 12,000 | 3,500 |
| **SG 650** | 2 | 2U | 8/6 (48) | n/a | Power, SSD, Fan | 65,000 | 10,000 | 16,000 | 5,000 |

This is what you get with every Sophos SG Series firewall:

- The latest Intel multi-core technology for optimal performance and efficiency
- The same security features available on every size of appliance
- Built-in SSD as storage for local quarantine data, logs and reporting
- FleXi Port modules available for all 1U and 2U appliances (interchangeable within a range, e.g. 1U)
- Free Sophos UTM Manager (SUM) to manage multiple appliances
- Possibility to dynamically cluster up to 10 appliances of the same kind – without external load balancers

# Sophos SG Series Appliances - Small

These desktop firewalls offer exceptional performance for models in this class and are available with the same broad set of security features as all our other appliances. The following diagrams show typical deployments in this range using both integrated wireless LAN and external access points.



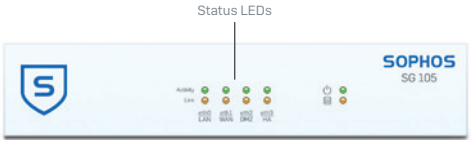

A typical deployment scenario using the SG 135w and SG 105w as part of a distributed organization.

# Sophos SG Series Desktop Appliances: SG 105, SG 105w, SG 115, SG 115w

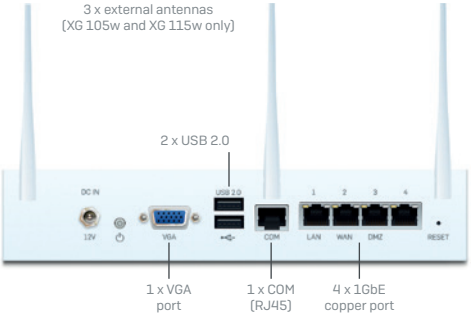
## Technical Specifications

These desktop firewall appliances offer an excellent price-to-performance ratio making them ideal for budget-conscious small businesses or branch offices. They are available with or without integrated wireless LAN, so you can even have an all-in-one network security and hotspot solution without the need for additional hardware. Of course, you can also add external access points. With Intel multi-core technology designed for best performance and efficiency in a small form factor, these models come equipped with 4 GbE copper ports built-in. You can choose between our lower cost BasicGuard subscription; select the software modules of your choice; or choose FullGuard for the full set of security features.

### Front View




### Back View




| Environment | |
|---|---|
| Power consumption | 4.83W, 16.468 BTU/hr (idle)<br>9.84W, 33.55 BTU/hr (full load) |
| Operating temperature | 0-40°C (operating)<br>-20 to +80°C (storage) |
| Humidity | 10%-90%, non-condensing |

| Product Certifications | |
|---|---|
| Certifications | CE, FCC Class B, CB, VCCI, C-Tick, UL, CCC |

| Performance | SG 105(w) Rev. 2 | SG 115(w) Rev. 2 |
|---|---|---|
| Firewall throughput | 1.5 Gbps | 2.3 Gbps |
| VPN throughput | 325 Mbps | 425 Mbps |
| IPS throughput | 350 Mbps | 500 Mbps |
| Antivirus throughput (proxy) | 90 Mbps | 120 Mbps |
| Concurrent connections | 1,000,000 | 1,000,000 |
| New connections/sec | 15,000 | 20,000 |
| Maximum licensed users | unrestricted | unrestricted |

| Wireless Specification (SG 105w and SG 115w only) | | |
|---|---|---|
| No. of antennas | 3 external | 3 external |
| MIMO capabilities | 3 x 3:3 | 3 x 3:3 |
| Wireless interface | 802.11a/b/g/n (2.4 GHz / 5 GHz) | 802.11a/b/g/n (2.4 GHz / 5 GHz) |

| Physical interfaces | | |
|---|---|---|
| Storage (local quarantine/logs) | integrated SSD | integrated SSD |
| Ethernet interfaces (fixed) | 4 GE copper | 4 GE copper |
| I/O ports (rear) | 2 x USB 2.0<br>1 x COM (RJ45)<br>1 x VGA | 2 x USB 2.0<br>1 x COM (RJ45)<br>1 x VGA |
| Power supply | External auto ranging DC: 12V, 100-240VAC, 50-60 Hz | External auto ranging DC: 12V, 100-240VAC, 50-60 Hz |

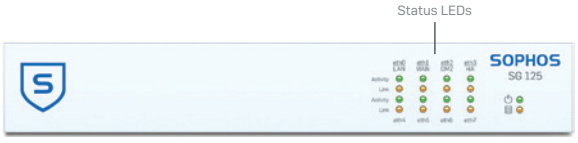
| Physical specifications | |
|---|---|
| Mounting | Rackmount kit available (to be ordered separately) |
| Dimensions<br>Width x Depth x Height | 225 x 150 x 44 mm<br>8.86 x 5.91 x 1.73 inches |
| Weight | 1.19 kg / 2.62 lbs (unpacked)<br>2.185 kg / 4.82 lbs (packed) |

# Sophos SG Series Desktop Appliances: SG 125, SG 125w, SG 135, SG 135w

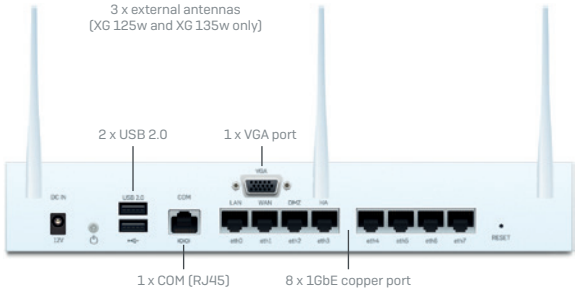
## Technical Specifications

These powerful firewall appliances offer 1U performance with a desktop form factor and price. If you have a small business or branch offices to protect and are working on a tight budget, these models are the ideal choice. They are also available with integrated 802.11ac wireless LAN for optimal coverage and connectivity for your mobile workers. Built upon the latest Intel architecture, our software makes optimal use of the multi-core technology to provide excellent throughput for all your key processes. These models come equipped with 8 GbE copper ports built-in and, as with all our firewalls, up to 10 appliances can be dynamically clustered for greater scalability.

### Front View




### Back View




| Environment | |
|---|---|
| Power consumption | 12.46W, 49.3 BTU/hr (idle)<br>26.16W, 89.2 BTU/hr (full load) |
| Operating temperature | 0-40°C (operating)<br>-20 to +80°C (storage) |
| Humidity | 10%-90%, non-condensing |

| Product Certifications | |
|---|---|
| Certifications | CE, FCC Class B, CB, VCCI, C-Tick, UL, CCC |

| Performance | SG 125(w) Rev. 2 | SG 135(w) Rev. 2 |
|---|---|---|
| Firewall throughput | 3.1 Gbps | 6 Gbps |
| VPN throughput | 500 Mbps | 1 Gbps |
| IPS throughput | 750 Mbps | 1.5 Gbps |
| Antivirus throughput (proxy) | 200 Mbps | 350 Mbps |
| Concurrent connections | 2,000,000 | 2,000,000 |
| New connections/sec | 24,000 | 36,000 |
| Maximum licensed users | unrestricted | unrestricted |

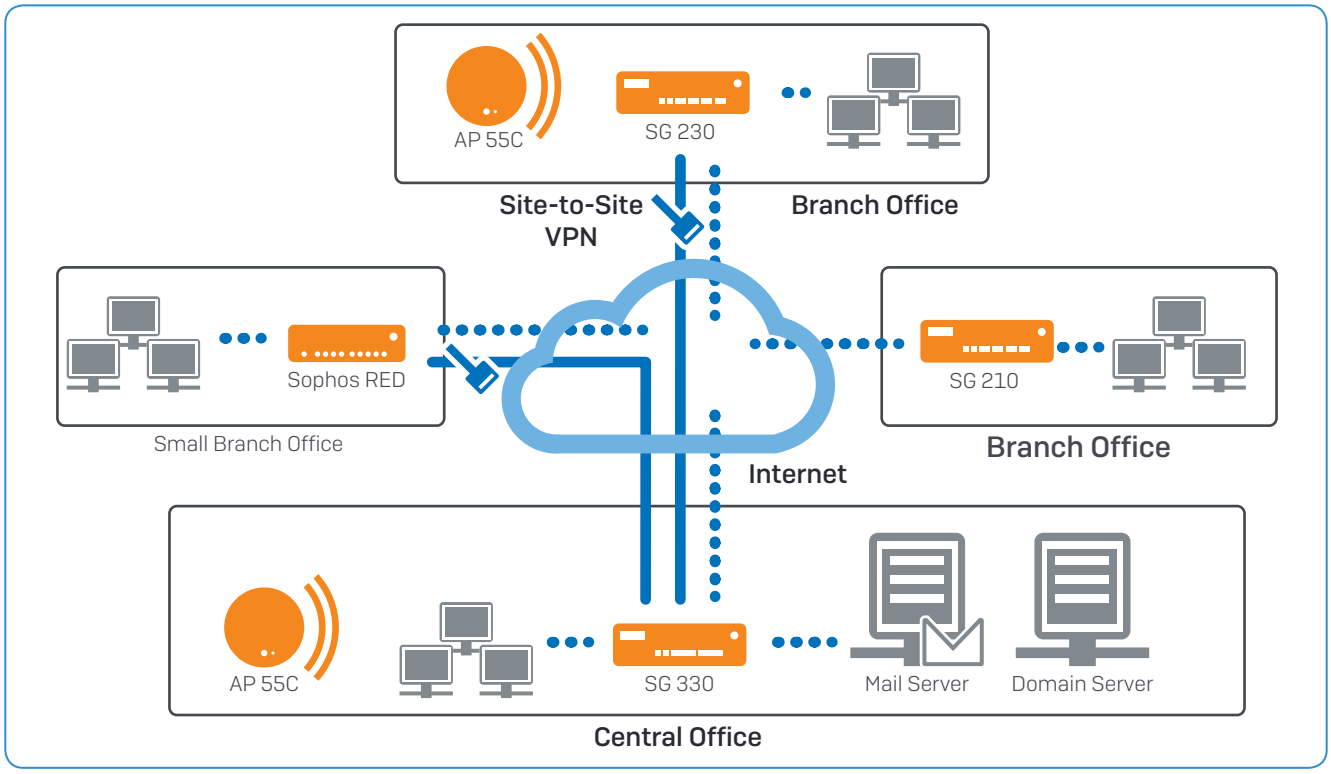
| Wireless Specification (SG 125w and SG 135w only) | | |
|---|---|---|
| No. of antennas | 3 external | 3 external |
| MIMO capabilities | 3 x 3:3 | 3 x 3:3 |
| Wireless interface | 802.11a/b/g/n/ac (2.4 GHz / 5 GHz) | 802.11a/b/g/n/ac (2.4 GHz / 5 GHz) |

| Physical interfaces | | |
|---|---|---|
| Storage (local quarantine/logs) | integrated SSD | integrated SSD |
| Ethernet interfaces (fixed) | 8 GE copper | 8 GE copper |
| I/O ports (rear) | 2 x USB 2.0<br>1 x COM (RJ45)<br>1 x VGA | 2 x USB 2.0<br>1 x COM (RJ45)<br>1 x VGA |
| Power supply | External auto ranging DC: 12V, 100-240VAC, 50-60 Hz | External auto ranging DC: 12V, 100-240VAC, 50-60 Hz |

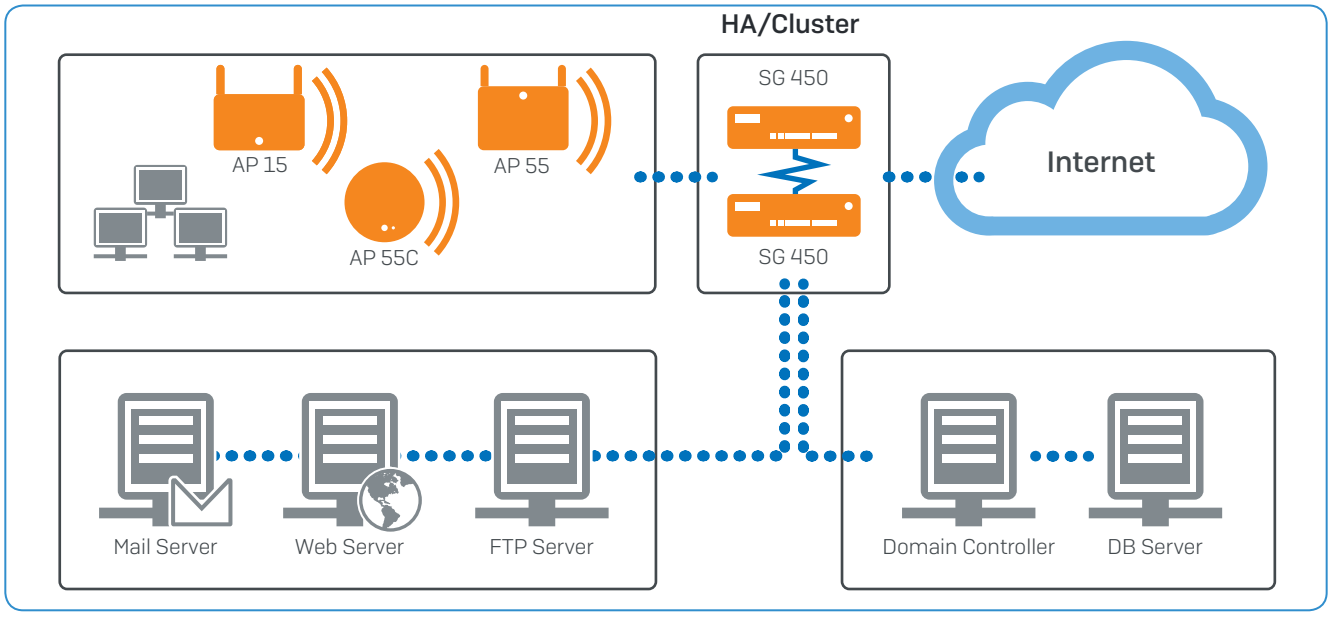
| Physical specifications | |
|---|---|
| Mounting | Rackmount kit available (to be ordered separately) |
| Dimensions<br>Width x Depth x Height | 288 x 186.8 x 44 mm<br>11.38 x 7.35 x 1.73 inches |
| Weight | 1.7 kg / 3.75 lbs (unpacked)<br>2.82 kg / 6.22 lbs (packed) |

# Sophos SG Series Appliances - Medium

Whatever your deployment scenario, these appliances can handle multiple security solutions in every situation. The following diagrams show typical deployments in this range.




Scenario using SG Series appliances and RED for branch offices



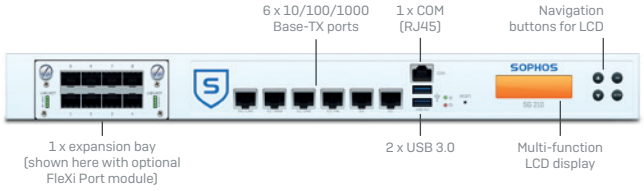

Deployment scenario with cluster of two SG 450 appliances

# Sophos SG Series Appliances: SG 210, SG 230

## Technical Specifications

The Sophos SG 210 and SG 230 are designed to protect small to mid-sized businesses and branch offices. Based on the latest Intel technology and equipped with 6 GbE copper ports plus one FleXi Port slot to configure with an optional module, they provide high flexibility and throughput at an excellent price-to-performance ratio. As with all models, you can dynamically cluster up to 10 of these appliances.

### Front View




### Back View

### Environment

| | |
|---|---|
| **Power consumption** | 20W, 69 BTU/hr (idle)<br>SG 210: 30W, 103 BTU/hr (full load)<br>SG 230: 34W, 117 BTU/hr (full load) |
| **Operating temperature** | 0-40°C (operating)<br>-20 to +80°C (storage) |
| **Humidity** | 10%-90%, non-condensing |

### Product Certifications

| | |
|---|---|
| **Certifications** | CE, FCC Class A, CB, VCCI, C-Tick, UL, CCC |

| Performance | SG 210 Rev. 2 | SG 230 Rev. 1 |
|---|---|---|
| **Firewall throughput** | 11 Gbps | 13 Gbps |
| **VPN throughput** | 1 Gbps | 2 Gbps |
| **IPS throughput** | 2 Gbps | 3 Gbps |
| **Antivirus throughput (proxy)** | 500 Mbps | 800 Mbps |
| **Concurrent connections** | 4,000,000 | 4,000,000 |
| **New connections/sec** | 60,000 | 70,000 |
| **Maximum licensed users** | unrestricted | unrestricted |

| Physical interfaces | | |
|---|---|---|
| **Storage (local quarantine/logs)** | integrated SSD | integrated SSD |
| **Ethernet interfaces (fixed)** | 6 GE copper | 6 GE copper |
| **No. of FleXi Port slots** | 1 | 1 |
| **FleXi Port modules (optional)** | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* |
| **I/O ports** | 2 x USB 3.0 (front)<br>1 x USB 2.0 (rear)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) | 2 x USB 3.0 (front)<br>1 x USB 2.0 (rear)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) |
| **Display** | Multi-function LCD module | Multi-function LCD module |
| **Power supply** | Internal auto-ranging 90-264VAC, 50-60 Hz | Internal auto-ranging 90-264VAC, 50-60 Hz |

### Physical specifications

| | |
|---|---|
| **Mounting** | 1U rack mount<br>(2 rackmount ears included) |
| **Dimensions**<br>**Width x Depth x Height** | 438 x 292 x 44mm<br>17.24 x 11.5 x 1.75 inches |
| **Weight** | 5.1 Kg / 11.24 lbs (unpacked)<br>7.05 Kg / 15.54 lbs (packed) |

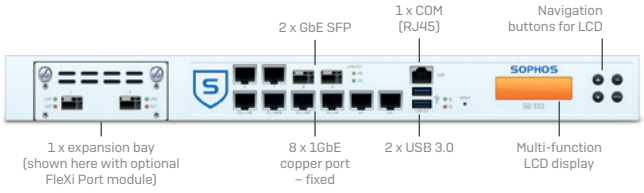
* Transceivers (mini GBICs) sold separately

# Sophos SG Series Appliances: SG 310, SG 330

## Technical Specifications

The Sophos SG 310 and SG 330 are scalable appliances suitable for distributed organizations or mid-sized companies. With solid-state drives for on-box reporting, logs and spam quarantine, they're highly responsive even in high traffic environments. Each model is equipped with 8 GbE copper ports, 2 GbE SFP fiber ports plus one FleXi Port slot to configure with an optional module. They provide optimal performance and flexibility.

### Front View




### Back View

### Environment

| | |
|---|---|
| **Power consumption** | SG 310: 29W, 98 BTU/hr (idle)<br>56W, 191 BTU/hr (full load)<br>SG 330: 32W, 110 BTU/hr (idle)<br>50W, 169 BTU/hr (full load) |
| **Operating temperature** | 0-40°C (operating)<br>-20 to +80°C (storage) |
| **Humidity** | 10%-90%, non-condensing |

### Product Certifications

| | |
|---|---|
| **Certifications** | CE, FCC Class A, CB, VCCI, C-Tick, UL, CCC |

| Performance | SG 310 Rev. 1 | SG 330 Rev. 1 |
|---|---|---|
| **Firewall throughput** | 17 Gbps | 20 Gbps |
| **VPN throughput** | 3 Gbps | 4 Gbps |
| **IPS throughput** | 5 Gbps | 6 Gbps |
| **Antivirus throughput (proxy)** | 1.2 Gbps | 1.5 Gbps |
| **Concurrent connections** | 6,000,000 | 6,000,000 |
| **New connections/sec** | 100,000 | 120,000 |
| **Maximum licensed users** | unrestricted | unrestricted |

| Physical interfaces | | |
|---|---|---|
| **Storage (local quarantine/logs)** | integrated SSD | integrated SSD |
| **Ethernet interfaces (fixed)** | 8 GE copper<br>2 GE SFP | 8 GE copper<br>2 GE SFP |
| **No. of FleXi Port slots** | 1 | 1 |
| **FleXi Port modules (optional)** | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* |
| **I/O ports** | 2 x USB 3.0 (front)<br>1 x USB 2.0 (rear)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) | 2 x USB 3.0 (front)<br>1 x USB 2.0 (rear)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) |
| **Display** | Multi-function LCD module | Multi-function LCD module |
| **Power supply** | Internal auto-ranging 90-264VAC, 50-60 Hz | Internal auto-ranging 90-264VAC, 50-60 Hz |

### Physical specifications

| | |
|---|---|
| **Mounting** | 1U rack mount<br>(2 rackmount ears included) |
| **Dimensions**<br>**Width x Depth x Height** | 438 x 292 x 44mm<br>17.24 x 11.5 x 1.75 inches |
| **Weight** | 5.2 Kg / 11.46 lbs (unpacked)<br>7.15 Kg / 15.76 lbs (packed) |

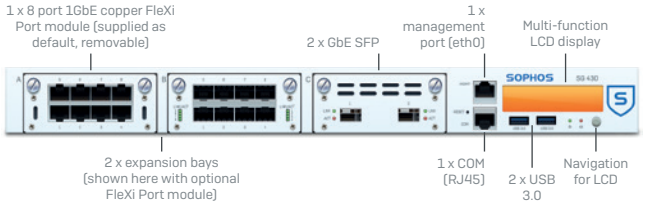
* Transceivers (mini GBICs) sold separately

# Sophos SG Series Appliances: SG 430, SG 450

## Technical Specifications

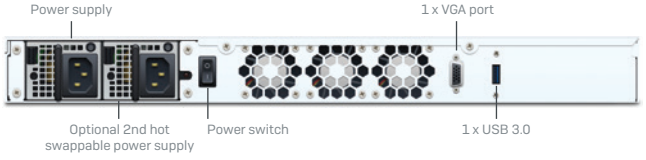
The Sophos SG 430 and SG 450 offer enterprise performance for distributed organizations or larger mid-sized companies. The connectivity options are second to none for rack mountable appliances, with each model coming equipped with a removable 8 GbE copper port module and 2 additional FleXi Port slots which you can configure with your choice of optional modules. For high-availability, the SG 450 also offers unparalleled redundancy features in a 1U appliance with a second SSD (RAID) integrated and an optional second power supply available.

### Front View




### Back View SG 430

### Back View SG 450




### Environment

| | |
|---|---|
| **Power consumption** | SG 430: 23W, 78 BTU/hr (idle)<br>123W, 419 BTU/hr (full load)<br>SG 450: 22W, 75 BTU/hr (idle)<br>125W, 429 BTU/hr (full load) |
| **Operating temperature** | 0-40°C (operating)<br>-20 to +80°C (storage) |
| **Humidity** | 10%-90%, non-condensing |

### Product Certifications

| | |
|---|---|
| **Certifications** | CE, FCC Class A, CB, VCCI, C-Tick, UL, CCC |

| Performance | SG 430 Rev. 1 | SG 450 Rev. 1 |
|---|---|---|
| **Firewall throughput** | 25 Gbps | 27 Gbps |
| **VPN throughput** | 4 Gbps | 5 Gbps |
| **IPS throughput** | 7 Gbps | 8 Gbps |
| **Antivirus throughput (proxy)** | 2 Gbps | 2.5 Gbps |
| **Concurrent connections** | 8,000,000 | 8,000,000 |
| **New connections/sec** | 130,000 | 140,000 |
| **Maximum licensed users** | unrestricted | unrestricted |

| Physical interfaces | | |
|---|---|---|
| **Storage (local quarantine/logs)** | integrated SSD | integrated SSD x2 |
| **Ethernet interfaces (removable)** | 8 GE copper | 8 GE copper |
| **No. of FleXi Port slots** | 3 | 3 |
| **FleXi Port modules (optional)** | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* |
| **I/O ports** | 2 x USB 3.0 (front)<br>1 x USB 3.0 (rear)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) | 2 x USB 3.0 (front)<br>1 x USB 3.0 (rear)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) |
| **Display** | Multi-function LCD module | Multi-function LCD module |
| **Power supply** | Internal auto-ranging 90-264VAC, 50-60 Hz | Internal auto-ranging 90-264VAC, 50-60 Hz Hot Swap Redundant PSU optional |

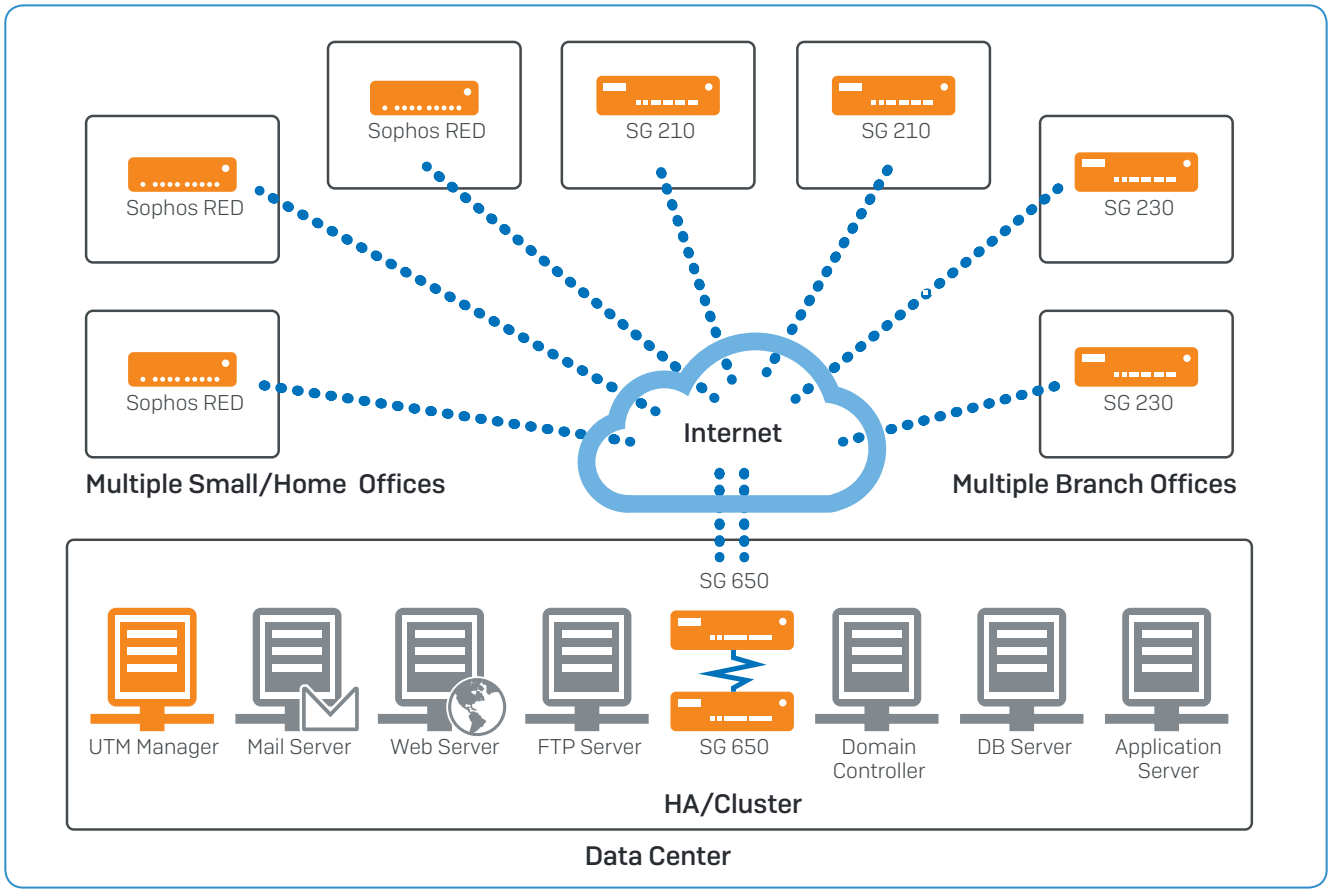
### Physical specifications

| | |
|---|---|
| **Mounting** | 1U rackmount (sliding rails incl.) |
| **Dimensions**<br>**Width x Depth x Height** | 438 x 483 x 44mm<br>17.24 x 19 x 1.75 inches |
| **Weight** | SG 430: 9.5 kg / 20.94 lbs (unpacked)<br>12.3 kg / 27.11 lbs (packed)<br>SG 450: 10.5 kg / 23.15 lbs (unpacked)<br>13.3 kg / 29.32 lbs (packed) |

* Transceivers (mini GBICs) sold separately

# Sophos SG Series Appliances - Large

These 2U firewalls offer the ultimate in performance and connectivity for the most demanding deployment scenarios. The following diagram shows a typical deployment in this range and demonstrates their scalability which is ideally suited for larger distributed organizations.



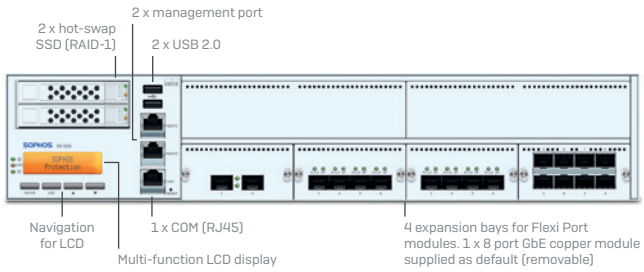

Deployment scenario showing a cluster of two SG 650 appliances as part of a large distributed organization with Sophos REDs to protect small or home offices and other SG appliances to protect branch offices

# Sophos SG Series Appliances: SG 550, SG 650

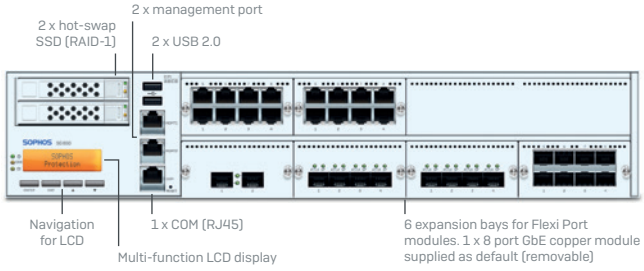
## Technical Specifications

The Sophos SG 550 and SG 650 are high-performance firewalls equipped to provide protection for larger distributed organizations and data center environments. They offer the fastest Intel CPU technology available today to effortlessly handle use as an all-in-one solution or a powerful next-generation firewall. The models offer either 4 (SG 550) or 6 (SG 650) FleXi Port expansion bays to tailor your connectivity to your environment. An 8 port GbE copper module is supplied as a default. Hot-swappable dual SSDs and power supplies are standard redundancy features in this class. Cluster up to 10 of these appliances for larger deployments or simply add an additional appliance as a failover for high availability.

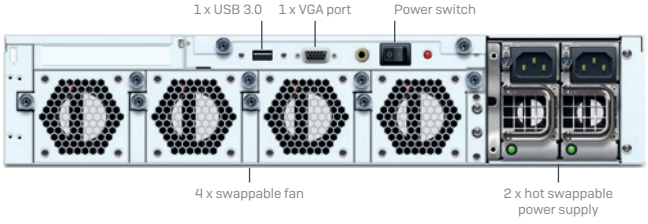
### Front View SG 550




### Front View SG 650




### Back View




| Environment | |
|---|---|
| Power consumption | SG 550: 270.5W, 922.98BTU/hr (idle)<br>416.1W, 1419.79BTU/hr (full load)<br>SG 650: 320.5W, 1093.59BTU/hr (idle)<br>493.1W, 1682.53BTU/hr (full load) |
| Operating temperature | 0-40°C (operating)<br>-40 to +70°C (storage) |
| Humidity | 5%-90%, non-condensing |

| Product Certifications | |
|---|---|
| Certifications | CE, UL, FCC, ISED, CCC, VCCI, RCM, BIS (CRS) |

| Performance | SG 550 Rev. 2 | SG 650 Rev. 2 |
|---|---|---|
| Firewall throughput | 45 Gbps | 65 Gbps |
| VPN throughput | 8 Gbps | 10 Gbps |
| IPS throughput | 12 Gbps | 16 Gbps |
| Antivirus throughput (proxy) | 3.5 Gbps | 5 Gbps |
| Concurrent connections | 12,000,000 | 20,000,000 |
| New connections/sec | 100,000 | 160,000 |
| Maximum licensed users | unrestricted | unrestricted |

| Physical interfaces | | |
|---|---|---|
| Storage (local quarantine/logs) | 2 x integrated hot-swap SSD (RAID) | 2 x integrated hot-swap SSD (RAID) |
| Ethernet interfaces (removable) | 8 GE copper | 8 GE copper |
| No. of FleXi Port slots | 4 | 6 |
| FleXi Port modules (optional) | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* | 8 port GE copper<br>8 port GE SFP*<br>2 port 10 GE SFP+*<br>4 port 10 GE SFP+* |
| I/O ports | 2 x USB 2.0 (front)<br>1 x USB 3.0 (rear)<br>2 x Mgmt Port (eth0/eth1, front)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) | 2 x USB 2.0 (front)<br>1 x USB 3.0 (rear)<br>2 x Mgmt Port (eth0/eth1, front)<br>1 x COM (RJ45) (front)<br>1 x VGA (rear) |
| Display | Multi-function LCD module | Multi-function LCD module |
| Power supply | 2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU | 2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU |

| Physical specifications | |
|---|---|
| Mounting | 2U sliding rails (included) |
| Dimensions<br>Width x Depth x Height | 438 x 600 x 88 mm<br>17.24 x 23.62 x 3.46 inches |
| Weight | 17.8 kg / 39.24 lbs (unpacked)<br>27 kg / 59.53 lbs (packed) |

* Transceivers (mini GBICs) sold separately

# Flexible licensing options

## Total Protect and Total Protect Plus bundles

Most Sophos customers choose our Total Protect bundles. They give you everything you need to secure your organization in one easy-to-manage license: an SG appliance, a FullGuard or FullGuard Plus subscription, and your technical support.

## FullGuard/FullGuard Plus

FullGuard combines all our core licenses in one cost-effective subscription for complete security: Essential Firewall, Network Protection, Web Protection, Email Protection, Wireless Protection and Web Server Protection. FullGuard Plus additionally includes Sandstorm Protection.

## BasicGuard

Our BasicGuard subscription incorporates all the essential security features you need for your small business. Should you want to extend your protection even further, you can upgrade to a FullGuard license at any time. BasicGuard is only available with the SG 105, SG 115, SG 105w and SG 115w appliances.

## Individual modules

All our modules are also available as individual subscriptions. Simply choose the ones you need.

| | Licensing options | | | |
|---|---|---|---|---|
| **Modules** | **Individual subscriptions** | **BasicGuard** | **FullGuard** | **FullGuard Plus** |
| **Essential Firewall - Free**<br>Network Firewall, NAT, Native Windows Remote Access | Yes | Full | Full | Full |
| **Network Protection**<br>IPSec/SSL, ATP, VPN, IPS, DoS Protection | Yes | Basic | Full | Full |
| **Web Protection**<br>URL Filtering, Application Control, Dual Engine Antivirus | Yes | Basic | Full | Full |
| **Email Protection**<br>Anti-spam, Email Encryption and DLP, Dual Engine Antivirus | Yes | Basic | Full | Full |
| **Wireless Protection**<br>Wireless Controller, Multi-SSID Support, Captive Portal | Yes | Basic | Full | Full |
| **Webserver Protection**<br>Web Application Firewall, Reverse Proxy, Antivirus | Yes | - | Full | Full |
| **Sandstorm Protection**<br>Cloud-based Sandboxing | Yes | Optional | Optional | Full |

## Extend your security

**Sophos RED** Simply secure your branch offices by forwarding all traffic to the central Sophos UTM. Installation requires no technical training and there is no ongoing maintenance.

**Sophos WiFi Access Points** Configurationless access points are instantly protected by the UTM, letting you create secure networks for your employees or guest hotspots for your visitors.

**VPN Clients** Secure SSL or IPsec VPNs provide mobile and home workers with secure remote access from any location at any time.

**Free UTM Manager** Centrally manage multiple UTM devices through IPsec VPN tunnels; deploy policies in just a few clicks.

# Awards and Reviews

*Sophos SG Series UTM has garnered many awards over the years for the level of protection, usability and performance. This year Sophos was once again named by Gartner as a Leader in the Magic Quadrant for Unified Threat Management* – for the fifth year in a row. Download the full report to find out what Gartner says about us.*

*"It all adds up to an appliance that gets it right on almost every level: easy deployment, a huge range of features and a tempting price make the SG 115w the perfect choice for SMBs."*

*SC Europe Awards 2015 – Best UTM Solution. Voted winner by a panel of experts representing SC Magazine, the judges said it "provided a superb feature-set that can enable businesses of any size or structure to operate their business safely and securely."*

*Independent test vendor Miercom conducted rigorous testing of the Sophos SG Series alongside comparative appliances from other vendors. They found the Sophos SG 230 and SG 210 proved best in competitive performance tests compared to other leading UTM product solutions.*

*Sophos UTM is tested by trained ICSA Labs firewall analysts and continuously deployed in the ICSA Firewall Lab to routinely test products against the latest security vulnerabilities.*

*** Gartner Magic Quadrant for Unified Threat Management, Jeremy D'Hoinne, Adam Hils, Greg Young, 7 August 2016.**
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