Sophos XG Series

Sophos XG Series Appliances – at a glance

Our XG Series hardware appliances are purpose-built with the latest multi-core technology, generous RAM provisioning, and solid-state storage. Whether you’re protecting a small business or a larger distributed enterprise, you’re getting industry leading performance.

Product Matrix

<table>
<thead>
<tr>
<th>Model</th>
<th>Tech. Specs</th>
<th>Form Factor</th>
<th>Ports/Slots (Max Ports)</th>
<th>Throughput¹</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>w-model</td>
<td>Firewall</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Throughput</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>IPsec VPN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NGFW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Threat Protection</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Xstream SSL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>XG 86(w)</td>
<td>3,100</td>
<td>n/a</td>
<td>1,450</td>
<td>75</td>
</tr>
<tr>
<td>XG 106(w)</td>
<td>3,550</td>
<td>opt. ext. Power</td>
<td>1,500</td>
<td>75</td>
</tr>
<tr>
<td>XG 115(w)</td>
<td>4,000</td>
<td>opt. ext. Power</td>
<td>1,000</td>
<td>130</td>
</tr>
<tr>
<td>XG 125(w)</td>
<td>7,000</td>
<td>opt. ext. Power, 3G/4G</td>
<td>1,275</td>
<td>170</td>
</tr>
<tr>
<td>XG 135(w)</td>
<td>7,500</td>
<td>opt. ext. Power, 3G/4G, Wi-Fi</td>
<td>1,800</td>
<td>210</td>
</tr>
<tr>
<td>XG 210</td>
<td>29,000</td>
<td>opt. ext. Power</td>
<td>2,000</td>
<td>230</td>
</tr>
<tr>
<td>XG 230</td>
<td>32,000</td>
<td>opt. ext. Power</td>
<td>4,000</td>
<td>280</td>
</tr>
<tr>
<td>XG 310</td>
<td>35,000</td>
<td>opt. ext. Power</td>
<td>5,000</td>
<td>370</td>
</tr>
<tr>
<td>XG 330</td>
<td>38,000</td>
<td>opt. ext. Power</td>
<td>9,000</td>
<td>560</td>
</tr>
<tr>
<td>XG 430</td>
<td>55,000</td>
<td>opt. ext. Power</td>
<td>10,000</td>
<td>800</td>
</tr>
<tr>
<td>XG 450</td>
<td>65,000</td>
<td>opt. int. Power</td>
<td>13,000</td>
<td>770</td>
</tr>
<tr>
<td>XG 550</td>
<td>75,000</td>
<td>Power, SSD, Fan</td>
<td>15,300</td>
<td>1,000</td>
</tr>
<tr>
<td>XG 650</td>
<td>85,000</td>
<td>Power, SSD, Fan</td>
<td>18,000</td>
<td>1,350</td>
</tr>
<tr>
<td>XG 750</td>
<td>100,000</td>
<td>Power, SSD, Fan</td>
<td>19,200</td>
<td>1,400</td>
</tr>
</tbody>
</table>

* 802.11ac Wave 2
** 2nd Wi-Fi module option on 135w only (requires XG v17 MR6 or higher)

What you get with every XG Series appliance

- Full Wireless Protection included in the Base License
- On-box reporting or reporting for 7 days via Sophos Central
- Free management via Sophos Central
- The flexibility to add optional connectivity modules to adapt your firewall to changes in your environment

Note: Sophos Firewall (SFOS) version 18.x and above requires at least 4 GB of RAM.
Sophos XG Series Desktop: SMB and Branch Office

Our Desktop appliances offer the perfect balance between price and performance for your small business or branch offices. All models offer a range of built-in and add-on connectivity options. A ‘w’ at the end of the model name indicates that the appliance has built-in Wi-Fi.

**XG 86 and XG 86w**
These entry-level desktop firewalls are the ideal choice for budget-conscious small businesses, retail and small or home offices.

- Optionally available with integrated 802.11ac WLAN
- Fanless

*Note:* The XG 86 and 86w do not support some advanced features like on-box reporting, dual AV scanning, WAF AV scanning and the email message transfer agent (MTA) functionality. If you need these capabilities, the XG 106(w) is recommended.

See detailed technical specifications

**XG 106, XG 106w, XG 115, XG 115w**
These desktop firewall appliances offer an excellent price-to-performance ratio making them ideal for small businesses or branch offices. These models come equipped with 4 GbE copper ports built-in and 1 shared SFP interface, e.g. for use with our optional DSL modem or an SFP Fiber transceiver to connect the device to a server or switch. An optional second power supply provides an unmatched redundancy option in this product segment.

- Optionally available with integrated 802.11ac WLAN
- 4 GbE copper ports built-in and 1 shared SFP
- Optional second power supply

See detailed technical specifications

**XG 125, XG 125w, XG 135, XG 135w**
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. These models come equipped with 8 GbE copper ports built-in, plus 1 SFP port, e.g. for use with our optional DSL modem or an SFP Fiber transceiver to connect the device to a server or switch. An expansion bay provides the option to add additional connectivity such as our 3G/4G module. A 2nd Wi-Fi radio module is also available for the XG 135w. An optional second power supply ensures business continuity for these models.

- Optionally available with integrated 802.11ac WLAN
- 8 GbE copper ports built-in, plus 1 SFP port
- Expansion bay for optional 3G/4G module
- 2nd Wi-Fi radio module option for XG 135w
- Optional second power supply

See detailed technical specifications
Sophos XG Series Desktop: SMB and Branch Office
XG 86 and XG 86w

Technical Specifications

Note: The XG 86 and 86w do not support some advanced features like on-box reporting, dual AV scanning, WAF AV scanning and the email message transfer agent (MTA) functionality. If you need these capabilities, the XG 106(w) is recommended.

Performance¹

<table>
<thead>
<tr>
<th></th>
<th>XG 86(w) Rev. 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>3,100 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>850 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>480 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>350 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>145 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>1,570,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>14,500</td>
</tr>
<tr>
<td>IPSec VPN throughput</td>
<td>225 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption+ Threat Protection</td>
<td>75 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>8,192</td>
</tr>
</tbody>
</table>

Wireless Specification (XG 86w only)

- No. of antennas: 2 external
- MIMO capabilities: 2 x 2:2
- Wireless interface: 802.11a/b/g/n/ac (2.4 GHz / 5 GHz)

Physical interfaces

- Storage: 16 GB eMMC
- Ethernet interfaces (fixed): 4 GbE copper
- I/O ports (rear): 2 x USB 2.0, 1 x Micro-USB, 1 x COM (RJ45)

Physical specifications

- Power supply: External auto ranging DC: 12V, 100-240VAC, 24W@50-60 Hz
- Mounting: Rackmount kit available (to be ordered separately)
- Dimensions: 190 x 117 x 43 mm
- Weight: 0.75 kg / 1.65 lbs (unpacked), 1.9 kg / 4.18 lbs (packed) [w model minimally higher]

Product Certifications

- Certifications: CB, CE, FCC, ISED (IC), VCCI, RCM, UL, CCC, BIS, Anatel, KC [w-model only]
Sophos XG Series Desktop: SMB and Branch Office
XG 106, XG 106w, XG 115, XG 115w

Technical Specifications

Performance³

<table>
<thead>
<tr>
<th></th>
<th>XG 106[w] Rev. 1</th>
<th>XG 115[w] Rev. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>3,550 Mbps</td>
<td>4,000 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>2,000 Mbps</td>
<td>2,700 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>490 Mbps</td>
<td>950 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>400 Mbps</td>
<td>1,000 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>150 Mbps</td>
<td>375 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>1,570,000</td>
<td>1,570,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>14,700</td>
<td>19,400</td>
</tr>
<tr>
<td>IPsec VPN throughput</td>
<td>330 Mbps</td>
<td>560 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption + Threat Protection</td>
<td>75 Mbps</td>
<td>130 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>8,192</td>
<td>8,192</td>
</tr>
</tbody>
</table>

Wireless Specification (XG 106w and XG 115w only)

- No. of antennas: 2 external
- MIMO capabilities: 2 x 2
- Wireless interface: 802.11a/b/g/n/ac [2.4 GHz / 5 GHz]

Physical interfaces

- Storage (local quarantine/logs): integrated SSD
- Ethernet interfaces (fixed): 4 GbE copper, 1 GbE SFP [shared]¹
- Connectivity modules (optional): SFP DSL module [VDSL2], SFP Transceivers
- I/O ports (rear): 2 x USB 2.0, 1 x Micro-USB, 1 x COM [RJ45], 1 x HDMI
- Power supply: External auto ranging DC: 12V, 100-240VAC, 36W@50-60 Hz, Redundant PSU optional (external)

Physical specifications

- Mounting: Rackmount kit available (to be ordered separately)
- Dimensions: 245 x 157 x 44 mm, 9.65 x 6.18 x 1.73 inches
- Weight: 1.17 kg / 2.58 lbs [unpacked], 2.4 kg / 5.29 lbs [packed] (w models minimally higher)

³ SFP transceivers sold separately

Environment

- Power consumption: 8.88W, 30.28 BTU/hr [idle], 10.44W, 35.6 BTU/hr [full load]
- Operating temperature: 0–40°C [operating], -20 to +80°C [storage]
- Humidity: 10%-90%, non-condensing

Product Certifications

- Certifications: CB, CE, FCC, ISED (IC), VCCI, RCM, UL, CCC, BIS, Anatel, KC [w-model only]
Sophos XG Series Desktop: SMB and Branch Office
XG 125, XG 125w, XG 135, XG 135w

Technical Specifications

### Environment
- **Power consumption**
  - 18.6W, 63426 BTU/hr (idle)
  - 20.04W, 68.336 BTU/hr (full load)
- **Operating temperature**
  - 0-40°C (operating)
  - -20 to +80°C (storage)
- **Humidity**
  - 10%-90%, non-condensing

### Product Certifications
- **Certifications**
  - CB, UL, CE, FCC, ISSTD, VCCI, MIC (Japan), RCM, CCC, KC, BIS

### Performance¹

<table>
<thead>
<tr>
<th></th>
<th>XG 125(w) Rev. 3</th>
<th>XG 135(w) Rev. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>7,000 Mbps</td>
<td>7,500 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>3,500 Mbps</td>
<td>4,300 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>1,530 Mbps</td>
<td>1,900 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>1,275 Mbps</td>
<td>1,800 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>400 Mbps</td>
<td>600 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>1,570,000</td>
<td>4,200,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>29,300</td>
<td>37,200</td>
</tr>
<tr>
<td>IPsec VPN throughput</td>
<td>1,500 Mbps</td>
<td>1,700 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption + Threat Protection</td>
<td>170 Mbps</td>
<td>210 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>8,192</td>
<td>12,288</td>
</tr>
</tbody>
</table>

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

### Physical Interfaces
- **Storage (local quarantine/logs)**
  - integrated SSD
- **Ethernet interfaces (fixed)**
  - 8 GbE copper
  - 1 GbE SFP²
- **No. of expansion slots**
  - 1
- **Connectivity Modules (optional)**
  - SFP DSL module (VDSL2)
  - 3G/4G module
  - 802.11ac Wi-Fi radio 2x2:2 (XG 135w only)
  - SFP transceivers
- **I/O ports (rear)**
  - 2 x USB 2.0
  - 1 x Micro-USB
  - 1 x COM (RJ45)
  - 1 x HDMI
- **Power supply**
  - External auto ranging DC: 12V, 100-240VAC, 36W@50-60 Hz
  - Redundant PSU optional (external)

### Physical Specifications
- **Mounting**
  - Rackmount kit available (to be ordered separately)
- **Dimensions**
  - Width x Depth x Height
    - 320 x 212 x 44 mm
    - 12.60 x 8.35 x 1.73 inches
- **Weight**
  - 1.9 kg / 4.19 lbs (unpacked)
  - 3.3 kg / 7.27 lbs (packed)
  - (w models minimally higher)

* SFP transceivers sold separately
Sophos XG Series 1U: Distributed Edge

Our 1U rackmount appliances are the ideal choice for mid-sized and distributed organizations looking for a choice of connectivity options and the flexibility to adapt the network as and when needs change. Our redundancy options in this range are second to none.

1U Short

**XG 210, XG 230**
The Sophos XG 210 and XG 230 are designed to protect small to mid-sized businesses and branch offices. Based on the latest multi-core technology and equipped with 6 GbE copper ports, 2 GbE SFP fiber 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. An external redundant power supply is optional for these models.

- 6 GbE copper ports plus 2 GbE SFP built-in
- One ‘Flexi Port’ modular bay to use with a range of optional LAN modules
- Optional 2nd external power supply

See detailed technical specifications

**XG 310, XG 330**
The Sophos XG 310 and XG 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, 2 10 GbE SFP+ fiber ports plus one Flexi Port slot to configure with an optional module. They provide optimal performance and flexibility plus redundancy through an optional external power supply.

- 8 GbE copper ports plus 2 10 GbE SFP+ built-in
- One ‘Flexi Port’ modular bay to use with a range of optional LAN modules
- Optional 2nd external power supply

See detailed technical specifications

1U Long

**XG 430, XG 450**
The Sophos XG 430 and XG 450 offer optimal performance and efficiency 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 8 GbE copper ports, 2 10 GbE SFP+ ports and 2 additional Flexi Port slots which you can configure with your choice of optional modules. For high-availability, the XG 450 also offers unparalleled redundancy features in a 1U appliance with a second SSD (RAID) integrated and an optional second power supply is available for both models.

- 8 GbE copper ports plus 2 10 GbE SFP+ built-in
- Two ‘Flexi Port’ modular bays to use with a range of optional LAN modules
- 2nd SSD (RAID) integrated
- Optional 2nd internal power supply

See detailed technical specifications

**Our connectivity tips:**
With Sophos APX Series access points, you can manage your Wi-Fi networks using your firewall as a controller. And should you want to securely connect your smaller offices or remote locations to your main office, Sophos SD-RED is the ideal choice.
Sophos XG Series 1U: Distributed Edge
XG 210, XG 230

Technical Specifications

### Front View
- Multi-function LCD display
- 1 x COM (RJ45)
- 6 x GbE copper – fixed incl. 2 bypass pairs
- 2 x GbE SFP – fixed

### Back View
- Connector for optional PoE Power
- Connector for optional 2nd external power supply
- Power supply
- 1 x HDMI
- 1 x USB 3.0
- Expansion bay (shown here with optional Flexi Port module)

### Environment
- **Power consumption**
  - XG 210: 19W, 65 BTU/hr (idle)
  - XG 210: 35W, 119 BTU/hr (full load)
  - XG 230: 21W, 72 BTU/hr (idle)
  - XG 230: 41W, 141 BTU/hr (full load)
- **Operating temperature**
  - 0-40°C (operating)
  - -20 to +80°C (storage)
- **Humidity**
  - 10%-90%, non-condensing

### Product Certifications
- **Certifications**
  - CB, UL, CE, FCC Class A, ISED, VCCI, RCM, CCC, KC, BIS

### Performance¹
<table>
<thead>
<tr>
<th></th>
<th>XG 210 Rev. 3</th>
<th>XG 230 Rev. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>29,000 Mbps</td>
<td>32,000 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>12,100 Mbps</td>
<td>14,800 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>4,200 Mbps</td>
<td>4,900 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>3,200 Mbps</td>
<td>4,500 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>800 Mbps</td>
<td>1,000 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>6,570,000</td>
<td>6,570,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>88,900</td>
<td>108,900</td>
</tr>
<tr>
<td>IPsec VPN throughput</td>
<td>1,920 Mbps</td>
<td>2,100 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption + Threat Protection</td>
<td>230 Mbps</td>
<td>280 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>18,432</td>
<td>18,432</td>
</tr>
</tbody>
</table>

### Physical interfaces
- **Storage (local quarantine/logs)**: integrated SSD
- **Ethernet interfaces (fixed)**
  - 6 GbE copper (incl. 2 bypass pairs)
  - 2 GbE SFP
- **No. of Flexi Port slots**: 1
- **Flexi Port modules (optional)**
  - 8 port GbE copper
  - 8 port GbE SFP
  - 2 port 10 GbE SFP
  - 4 port 10 GbE SFP
  - 2 port 40 GbE QSFP
  - 4 port GbE PoE
  - 8 port GbE PoE
  - 4 port GE copper LAN bypass
- **Connectivity modules (optional)**
  - SFP DSL module (VDSL2)
  - SFP/SFP+ Transceivers
- **I/O ports**
  - 2 x USB 3.0 (front)
  - 1 x Micro USB (front)
  - 1 x USB 3.0 (rear)
  - 1 x COM (RJ45) (front)
  - 1 x HDMI (rear)
- **Display**
  - Multi-function LCD module
- **Power supply**
  - Internal auto-ranging
  - 100-240VAC, 50-60 Hz
  - Redundant PSU optional (external)

### Physical specifications
- **Mounting**
  - 1U rack mount
  - (2 rackmount ears included)
- **Dimensions**
  - Width x Depth x Height: 438 x 344 x 44 mm
  - 17.24 x 13.56 x 1.75 inches
- **Weight**
  - 5.2 kg / 11.46lb (unpacked)
  - 7.7 kg / 16.98 lbs (packed)

* Transceivers (mini GBICs) sold separately
# Sophos XG Series 1U: Distributed Edge
**XG 310, XG 330**

## Technical Specifications

### Performance¹

<table>
<thead>
<tr>
<th></th>
<th>XG 310 Rev. 2</th>
<th>XG 330 Rev. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>35,000 Mbps</td>
<td>38,000 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>21,200 Mbps</td>
<td>24,200 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>7,200 Mbps</td>
<td>10,000 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>5,300 Mbps</td>
<td>9,300 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>1,550 Mbps</td>
<td>2,100 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>10,170,000</td>
<td>10,490,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>138,000</td>
<td>140,000</td>
</tr>
<tr>
<td>IPsec VPN throughput</td>
<td>3,050 Mbps</td>
<td>3,940 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption + Threat Protection</td>
<td>370 Mbps</td>
<td>560 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>55,296</td>
<td>55,296</td>
</tr>
</tbody>
</table>

### Physical interfaces

<table>
<thead>
<tr>
<th>Storage (local quarantine/logs)</th>
<th>integrated SSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethernet interfaces (fixed)</td>
<td>8 GbE copper (incl. 2 bypass pairs) 2 GbE SFP+</td>
</tr>
<tr>
<td>No. of Flexi Port slots</td>
<td>1</td>
</tr>
<tr>
<td>Flexi Port modules (optional)</td>
<td>8 port GbE copper 8 port GbE SFP+</td>
</tr>
<tr>
<td></td>
<td>2 port 10 GbE SFP+</td>
</tr>
<tr>
<td></td>
<td>2 port 40 GbE QSFP+</td>
</tr>
<tr>
<td></td>
<td>4 port 6 GbE PoE</td>
</tr>
<tr>
<td></td>
<td>4 port GbE copper LAN bypass</td>
</tr>
</tbody>
</table>

### Connectivity modules (optional)

<table>
<thead>
<tr>
<th>SFP DSL module (VDSL2)</th>
<th>SFP/SFP+ Transceivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x GbE copper (front)</td>
<td>1 x Micro USB (front)</td>
</tr>
<tr>
<td>1 x USB 3.0 (rear)</td>
<td>1 x USB 3.0 (rear)</td>
</tr>
<tr>
<td>1 x COM (RJ45) (front)</td>
<td>1 x HDMI (rear)</td>
</tr>
</tbody>
</table>

### Display

<table>
<thead>
<tr>
<th>Multi-function LCD module</th>
</tr>
</thead>
</table>

### Power supply

<table>
<thead>
<tr>
<th>Multi-function LCD module</th>
</tr>
</thead>
</table>

### Physical specifications

<table>
<thead>
<tr>
<th>Mounting</th>
<th>1U rack mount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(2 rackmount ears included)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>438 x 405.5 x 444 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width x Depth x Height</td>
<td>17.24 x 15.98 x 1.75 inches</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
<th>5.8 kg / 12.78 lbs (unpacked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.8 kg / 19.4 lbs (packed)</td>
</tr>
</tbody>
</table>

* Transceivers (mini GBICs) sold separately

---

¹ Performance figures are based on testing at room temperature. Actual performance may vary based on operating conditions and configuration.

---

### Environment

**Power consumption**

- XG 310: 32W, 109 BTU/hr (idle)
- 48W, 167 BTU/hr (full load)

- XG 330: 36W, 122 BTU/hr (idle)
- 54W, 184 BTU/hr (full load)

**Operating temperature**

- 0-40°C (operating)
- -20 to +80°C (storage)

**Humidity**

- 10%-90%, non-condensing

### Product Certifications

<table>
<thead>
<tr>
<th>Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB, UL, CE, FCC Class A, ISED,</td>
</tr>
<tr>
<td>VCCI, RCM, CCC, KC, BIS</td>
</tr>
</tbody>
</table>

---

### Front View

- Multi-function LCD display
- Navigation for LCD
- 2 x USB 3.0
- 8 x GbE copper – fixed
- 2 x 10 GbE SFP+ – fixed
- 1 x expansion bay (shown here with optional Flexi Port module)

### Back View

- Connector for optional PoE Power
- HDMI
- 1 x USB 3.0
- Power supply
- Power switch
- Connector for optional 2nd external power supply

---

### Additional Information

- The XG Series 1U models offer scalable performance and flexibility for distributed edge environments.
- Enhanced threat protection and advanced security features are integrated to provide comprehensive protection.
- The units are designed for 1U rack mount installation, ensuring efficient space utilization in data centers and edge environments.

---

Sophos XG Series
Sophos XG Series 1U: Distributed Edge
XG 430, XG 450

Technical Specifications

Performance¹

<table>
<thead>
<tr>
<th>Model</th>
<th>XG 430 Rev. 2</th>
<th>XG 450 Rev. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>55,000 Mbps</td>
<td>65,000 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>26,900 Mbps</td>
<td>34,000 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>10,800 Mbps</td>
<td>14,700 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>10,000 Mbps</td>
<td>13,900 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>2,200 Mbps</td>
<td>3,400 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>13,640,000</td>
<td>13,640,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>146,000</td>
<td>187,000</td>
</tr>
<tr>
<td>IPsec VPN throughput</td>
<td>5,000 Mbps</td>
<td>6,100 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption + Threat Protection</td>
<td>600 Mbps</td>
<td>770 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>102,400</td>
<td>102,400</td>
</tr>
</tbody>
</table>

Physical interfaces

- Storage (local quarantine/logs): integrated SSD, 2 x integrated SSD
- Ethernet interfaces (fixed): 8 GbE copper (incl. 2 bypass pairs), 2 x 10 GbE SFP+¹
- No. of Flexi Port slots: 2
- Flexi Port modules (optional): 8 port GbE copper, 8 port GbE SFP⁺, 2 port 10 GbE SFP⁺, 4 port 10 GbE SFP⁺, 2 port 40 GbE QSFP⁺, 4 port GbE PoE, 8 port GbE PoE, 4 port GbE copper LAN bypass
- Connectivity modules (optional): SFP DSL module (VDSL2), SFP/SFP⁺ Transceivers
- I/O ports: 2 x USB 3.0 (front), 1 x Micro USB (front), 2 x 10 GbE SFP⁺ (rear), 1 x COM (RS45) (front), 1 x IPMI (front), 1 x HDMI (rear)
- Display: Multi-function LCD module
- Power supply: Internal auto-ranging 100-240VAC, 50-60 Hz, Redundant PSU optional [external], Internal auto-ranging 100-240VAC, 50-60 Hz, Hot Swap, Redundant PSU optional [internal]

Physical specifications

- Mounting: 1U rackmount (sliding rails incl.)
- Dimensions: 438 x 507.7 x 44 mm, 17.24 x 19.99 x 1.75 inches
- Weight: 78 kg / 18.76 lbs (unpacked), 13.7 kg / 30.2 lbs (packed), 78 kg / 172 lbs (unpacked), 14.8 kg / 32.63 lbs (packed)

* Transceivers (mini GBICs) sold separately

¹ Firewall performance is quoted at 32,000 concurrent connections.}

Front View

![Front View XG 430](image1)

Back View XG 430

![Back View XG 430](image2)

Back View XG 450

![Back View XG 450](image3)
Sophos XG Series 2U: Performance and Data Center

Our 2U rackmount appliances are built for distributed enterprises looking for a firewall to handle higher traffic volumes. These models offer you the flexibility to tailor your connectivity to your environment and come with the redundancy features to keep your business running.

Performance

**XG 550, XG 650**
The Sophos XG 550 and XG 650 are high-performance firewalls equipped to provide protection for larger distributed and growing organizations. They offer CPU technology to effortlessly handle use as an all-in-one solution or a powerful next-generation firewall. The models offer either 4 (XG 550) or 6 (XG 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.

- 8 port GbE copper module supplied as default
- Multiple expansion bays to add connectivity modules incl. options for up to 40 GbE QSFP+
- Dual SSDs and power supplies

See detailed technical specifications

Data Center

**XG 750**
The Sophos XG 750 is a high-performance firewall suitable for high traffic and larger distributed enterprise environments. Multi-core CPUs and redundancy features such as dual SSDs, power supplies and swappable fans, ensure that you have the best performance and that your network stays protected at all times. With a total of 8 Flexi Port bays, one of which comes equipped with a default 8 port GbE copper module, connectivity knows no bounds and can reach a maximum of 64 ports using the optional modules.

- 8 port GbE copper module supplied as default
- Eight expansion bays to add connectivity modules incl. options for up to 40 GbE QSFP+
- Dual SSDs, power supplies, and swappable fans

See detailed technical specifications
**Sophos XG Series**

**Sophos XG Series 2U: Performance XG 550, XG 650**

**Technical Specifications**

<table>
<thead>
<tr>
<th>Front View XG 550</th>
<th>Front View XG 650</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x hot-swap SSD (RAID-1)</td>
<td>2 x hot-swap SSD (RAID-1)</td>
</tr>
<tr>
<td>2 x management port</td>
<td>2 x management port</td>
</tr>
<tr>
<td>2 x USB 2.0</td>
<td>2 x USB 2.0</td>
</tr>
<tr>
<td>Multi-function LCD display</td>
<td>Multi-function LCD display</td>
</tr>
<tr>
<td>Navigation for LCD</td>
<td>Navigation for LCD</td>
</tr>
<tr>
<td>4 expansion bays for Flexi Port modules: 1 x 6 port GbE copper module supplied as default (removable)</td>
<td>6 expansion bays for Flexi Port modules: 1 x 6 port GbE copper module supplied as default (removable)</td>
</tr>
</tbody>
</table>

**Environment**

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

**Performance¹**

<table>
<thead>
<tr>
<th>XG 550 Rev. 2</th>
<th>XG 650 Rev. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall throughput</td>
<td>75,000 Mbps</td>
</tr>
<tr>
<td>Firewall IMIX</td>
<td>34,000 Mbps</td>
</tr>
<tr>
<td>IPS throughput</td>
<td>17,000 Mbps</td>
</tr>
<tr>
<td>NGFW throughput</td>
<td>15,300 Mbps</td>
</tr>
<tr>
<td>Threat Protection throughput</td>
<td>6,000 Mbps</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>15,740,000</td>
</tr>
<tr>
<td>New connections/sec</td>
<td>213,800</td>
</tr>
<tr>
<td>IPsec VPN throughput</td>
<td>8,500 Mbps</td>
</tr>
<tr>
<td>Xstream SSL decryption + Threat Protection</td>
<td>1,000 Mbps</td>
</tr>
<tr>
<td>Xstream SSL Concurrent connections</td>
<td>204,800</td>
</tr>
</tbody>
</table>

**Physical interfaces**

- **Storage (local quarantine/logs)**: 2 x integrated hot-swap SSD (RAID)
- **Ethernet interfaces (removable)**: 8 GbE copper
- **No. of Flexi Port slots**: 4
- **Flexi Port modules (optional)**: 8 port GbE copper
  - 2 port 10 GbE SFP^+
  - 2 port 40 GbE QSFP^+
  - 4 port 10 GbE SFP^+
  - 4 port SFP^+ plus 4 port GbE copper LAN bypass
- **Connectivity modules (optional)**: SFP DSL module (VDSL2)
  - SFP/SFP+ Transceivers
- **I/O ports**: 2 x USB 2.0 (front)
  - 1 x USB 3.0 (rear)
  - 2 x Mgmt Port (eth0/eth1, front)
  - 1 x COM (RJ45) (front)
  - 1 x VGA (rear)
- **Display**: Multi-function LCD display
- **Power supply**: 2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU

**Physical specifications**

- **Mounting**: 2U sliding rails (included)
- **Dimensions**: 438 x 600 x 88 mm
- **Width x Depth x Height**: 17.24 x 23.62 x 3.48 inches
- **Weight**: 178 kg / 39.24 lbs (unpacked)
  - 27 kg / 59.53 lbs (packed)

* Transceivers (mini GBICs) sold separately
Sophos XG Series

Sophos XG Series 2U: Data Center
XG 750

Technical Specifications

**Front View**
- 2 x hot-swap SSD (RAID-1)
- 2 x USB 2.0
- 1 x COM (RJ45)
- Multi-function LCD display
- 8 expansion bays for Flexi Port modules. 1 x 8 port GbE copper module supplied as default (removable)

**Back View**
- 1 x USB 3.0
- 1 x VGA port
- Power switch
- 4 x swappable fan
- 2 x hot-swappable power supply

**Environment**
- **Power consumption**
  - 326.5W, 1114.01BTU/hr (idle)
  - 512.2W, 1747.62BTU/hr (full load)
- **Operating temperature**
  - 0-40°C (operating)
  - -40 to +70°C (storage)
- **Humidity**
  - 5%-90%, non-condensing

**Product Certifications**
- **Certifications**
  - CB, UL, CE, FCC Class A, ISED, VCCI, RCM, CCC, KC, BIS

**Performance¹**
- **XG 750 Rev. 2**
  - Firewall throughput: 100,000 Mbps
  - Firewall IMIX: 38,000 Mbps
  - IPS throughput: 23,000 Mbps
  - NGFW throughput: 19,200 Mbps
  - Threat Protection throughput: 9,400 Mbps
  - Concurrent connections: 30,000,000
  - New connections/sec: 223,500
  - IPsec VPN throughput: 12,500 Mbps
  - Xstream SSL decryption + Threat Protection: 1,400 Mbps
  - Xstream SSL Concurrent connections: 512,000

**Physical interfaces**
- Storage (local quarantine/logs):
  - 2 x integrated hot-swap SSD (RAID)
- Ethernet interfaces (removable):
  - 8 GbE copper
- No. of Flexi Port slots:
  - 8
- Flexi Port modules (optional):
  - 8 port GbE copper
  - 2 port 10 GbE SFP
  - 4 port 10 GbE SFP+ (4 x port SFP+ plus 4 port GbE copper LAN bypass)
- Connectivity modules (optional):
  - SFP DSL module (VDSL2)
  - SFP/SFP+ Transceivers
- I/O ports:
  - 2 x USB 2.0 (front)
  - 1 x USB 3.0 (rear)
  - 2 x Mgmt Port (eth0/eth1, front)
  - 1 x COM (RJ45) (front)
  - 1 x VGA (rear)
- Display:
  - Multi-function LCD module
- Power supply:
  - 2 x hot-swap external auto ranging 100-240VAC, 50-60 Hz

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

* Transceivers (mini GBICs) sold separately
Adapt Connectivity with Optional Modules

### Connectivity Modules
Add additional connectivity options to your appliances to enhance the range and performance of your network.

<table>
<thead>
<tr>
<th>Modules</th>
<th>3G/4G Module:</th>
<th>DSL Modem – SFP:</th>
<th>2nd Wi-Fi Radio Module:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(for XG/SG 125(w) and 135(w) Rev. 3 only)</td>
<td>(for all current SG/XG Series with an SFP Port)</td>
<td>(for XG/SG 135w Rev.3 only)</td>
</tr>
<tr>
<td></td>
<td>2 external antennas, SIM card slot, Supports LTE [Cat-6]/DC-HSPA+/HSPA+/HSPA/UMTS (WCDMA, APAC version also TD-SCDMA)</td>
<td>802.11a/b/g/n/ac, 2 x 2 MIMO, 2.4 or 5 GHz, 2 external antennas</td>
<td></td>
</tr>
</tbody>
</table>

### Flexi Port Modules for 1U and 2U
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, 40 GbE – you decide.

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 port GbE copper Flexi Port module</td>
<td>8 port GbE copper Flexi Port module</td>
</tr>
<tr>
<td>(for SG/XG 2xx/3xx/4xx only)</td>
<td>(for XG 750 and SG/XG 550/650 Rev.2 only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 port GbE SFP Flexi Port module</td>
<td>8 port GbE SFP Flexi Port module</td>
</tr>
<tr>
<td>(for SG/XG 2xx/3xx/4xx only)</td>
<td>(for XG 750 and SG/XG 550/650 Rev.2 only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 port 10 GbE SFP+ Flexi Port module</td>
<td>2 port 10 GbE SFP+ Flexi Port module</td>
</tr>
<tr>
<td>(for SG/XG 2xx/3xx/4xx only)</td>
<td>(for XG 750 and SG/XG 550/650 Rev.2 only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 port 10 GbE SFP+ Flexi Port module</td>
<td>4 port 10 GbE SFP+ Flexi Port module</td>
</tr>
<tr>
<td>(for SG/XG 2xx/3xx/4xx only)</td>
<td>(for XG 750 and SG/XG 550/650 Rev.2 only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 port GbE copper LAN bypass Flexi Port module</td>
<td>4 port GbE SFP plus 4 port GbE copper LAN bypass Flexi Port module</td>
</tr>
<tr>
<td>(for XG 2xx/3xx/4xx only)</td>
<td>(for XG 750 and XG 550/650 Rev.2 only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 port 40 GbE QSFP+ Flexi Port module</td>
<td>2 port 40 GbE QSFP+ Flexi Port module</td>
</tr>
<tr>
<td>(for SG/XG 210 Rev.3 and SG/XG 230, 3xx and 4xx Rev.2 only)</td>
<td>(for XG 750 and SG/XG 550/650 Rev.2 only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexi Port Modules for 1U</th>
<th>Flexi Port Modules for 2U</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 port GbE copper PoE Flexi Port module</td>
<td>4 port GbE copper PoE Flexi Port module</td>
</tr>
<tr>
<td>(for SG/XG 210 Rev.3 and SG/XG 230, 3xx and 4xx Rev.2 only)</td>
<td>(for SG/XG 210 Rev.3 and SG/XG 230, 3xx and 4xx Rev.2 only)</td>
</tr>
</tbody>
</table>

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

The purchase price of every XG Series appliance, no matter whether hardware, software/virtual, or in the public cloud includes a perpetual Base License. This includes basic firewall functionality including, IPSec, SSL VPN and full wireless protection.

You can extend protection according to your individual needs and deployment scenario, by purchasing individual subscriptions or opting for one of our bundles. Bundles including hardware may not be available in all regions.

**Formerly Sandstorm Protection (name change visible after upgrade to SFOS v18.5 MR1)**

**Requires SFOS v18.5 MR1**

Full details of Sophos Firewall licensing can be found on our website: [https://community.sophos.com/kb/en-us/131806](https://community.sophos.com/kb/en-us/131806)

### Licensing for Management and Reporting

**Sophos Central Management**

- Free

**Sophos Central Reporting**

- Free for up to 7 days of report data
- 30 days of data retention included in Central Orchestration
- Options for longer data retention periods available for separate purchase
Try it for free – business and even at home
If you have any additional questions visit sophos.com or give one of our Sales Agents a call.

Free 30-day trial – no strings attached
If you’d like to take it for a test drive you can get the full-featured product simply sign-up for our free 30-day trial.

See it in action now
You can take a walkthrough of the user interface with our interactive demo or watch videos showing you just how we make network security simple.
Visit sophos.com/firewall

Free Home Use version
Our Sophos Firewall Home Edition is a fully-equipped software version that gives you complete network, web, mail, and web application security with VPN functionality, for home-use only and limited to 4 virtual cores, 6 GB of RAM.
Visit sophos.com/freetools

¹ General: Max. throughput measured under ideal test conditions using industry standard Keysight-Ixia Breaking point test tools. Actual performance may vary depending on network conditions and activated services.
• FW: Measured using HTTP traffic and 512KB response size.
• FW IMIX: UDP throughput based on a combination of 66 byte, 570 byte and 1518 byte packet sizes.
• NGFW: Measured with IPS and Application Control enabled with HTTP traffic using default IPS ruleset and 512KB object size.
• IPS: Measured with IPS with HTTP traffic using default IPS ruleset and 512KB object size.
• IPSEC VPN: HTTP throughput using multiple tunnels and 512KB HTTP response size.
• Threat Protection: Measured with Firewall, IPS, Application Control, and Malware prevention enabled using HTTP 200KB response size.
• Xstream SSL decryption: Measured with IPS and Threat Protection enabled using HTTP traffic with 192KB response size.

United Kingdom and Worldwide Sales
Tel: +44 (0)8447 671131
Email: sales@sophos.com

North American Sales
Toll Free: 1-866-866-2802
Email: nasales@sophos.com

Australia and New Zealand Sales
Tel: +61 2 9409 9100
Email: sales@sophos.com.au

Asia Sales
Tel: +65 62244168
Email: salesasia@sophos.com

© Copyright 2021. Sophos Ltd. All rights reserved.
Registered in England and Wales No. 2096520. The Pentagon, Abingdon Science Park, Abingdon, OX14 3YP, UK
Sophos is the registered trademark of Sophos Ltd. All other product and company names mentioned are trademarks or registered trademarks of their respective owners.
21-08-06 BR-EN (PC)