

# SOPHOS

Security made simple.

## Sophos XG Firewall

### Unrivalled performance, security, and control

Sophos XG Firewall takes an innovative approach across all areas of network security. From the way firewalls are managed, to the way they report information and how they work with other security systems around them, giving you an unprecedented level of simplicity, insight, and advanced threat protection.



# Sophos XG Firewall - The ultimate security package

With an interface designed to eliminate unnecessary complexity, it enables you to use the powerful features without needing to become an IT security expert.

## Advanced protection kept simple

Most firewall products make you set up and manage policies across multiple modules or screens. Not Sophos. We provide a powerful unified policy model that allows you to manage, view, filter, and sort all your user, application and network policies on a single screen.

## Potent, powerful ... fast

We've engineered XG Firewall to deliver outstanding performance. Our appliances are built using Intel multi-core technology, solid-state drives, and accelerated in-memory content scanning. In addition Sophos FastPath packet optimization technology ensures you'll always get maximum throughput.

## On-box reports included as standard

With hundreds of built-in reports you'll know exactly what's happening with your users and your network. You get detailed reports as standard, stored locally with no separate tools required. And our unique User Threat Quotient reports show you which of your users are putting your security at risk.

## More-in-one protection

You get all the next-gen firewall features you need plus features you can't get anywhere else - including our revolutionary Security Heartbeat™, full web application firewall, and complete email anti-spam, encryption and DLP. No extra hardware. No extra cost. Simply choose what you want to deploy.

## Simply manage multiple firewalls

Sophos Firewall Manager provides a single console for the complete central management of multiple SF-OS firewalls. And if you also want to consolidate reporting across multiple SF-OS, Sophos UTM v9.x and Cyberoam OS appliances then with Sophos iView, you can.



# Security features you can't get anywhere else

As well as simplifying core network security tasks Sophos delivers innovative approaches to ensure you get even more protection.

## Policy templates get you protected fast

Pre-defined policy templates let you protect common applications like Microsoft Exchange or SharePoint fast. Simply select them from a list, provide some basic information and the template takes care of the rest. It sets all the inbound/outbound firewall rules and security settings for you automatically - displaying the final policy in a statement in plain English.

## Patented Layer-8 Identity control

User identity takes enforcement to a whole new layer with our patented Layer-8 identity based policy technology enabling user level controls over applications, bandwidth and other network resources regardless of IP-address, location, network or device. It literally takes firewall policy to a whole new layer.

## Flexible deployment, no compromise

Unlike our competitors whether you choose hardware, software, or virtual we don't make you compromise - every feature is available on every model and form-factor.

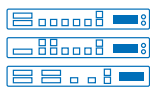
## Automated user risk reports

The Sophos User Threat Quotient (UTQ) indicator is a unique feature which provides actionable intelligence on user behavior. Our firewall correlates each user's surfing habits and activity with advanced threat triggers and history to identify users with risk-prone behavior.

## A revolution in advanced threat protection - Sophos Security Heartbeat™

An industry first, our Security Heartbeat links your endpoints and your firewall to combine their intelligence and identify systems compromised by previously unknown threats. The Heartbeat status is integrated into security policy settings to instantly trigger actions at both endpoint and network levels to isolate or limit access until systems are healthy again. This feature requires Sophos Cloud Endpoint Protection Advanced or Sophos Cloud Enduser Protection.

To find out more visit [www.sophos.com/xgfirewall](http://www.sophos.com/xgfirewall)



XG Series

Purpose-built devices to provide the ultimate in performance.



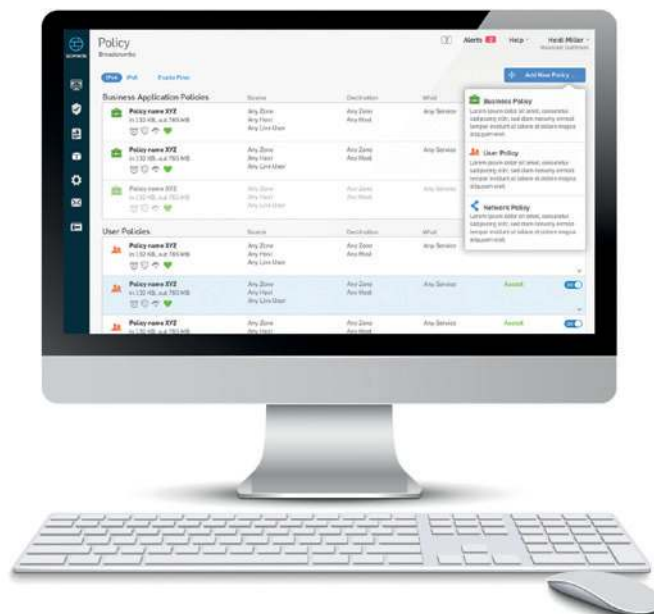
Software

Install the Sophos Firewall OS image on your own Intel hardware or server.









Virtual

Install on VMware, Citrix, Microsoft Hyper-V and KVM.



# How to Buy

Every appliance comes with our Base Firewall as standard which includes IPSec and SSL VPN and comprehensive Wireless Protection. You can extend protection with our total protection bundles or by adding protection modules individually.

 <p><b>Network Protection</b></p>	 <p><b>Wireless Protection</b></p>	 <p><b>Web Protection</b></p>
<p>All the protection you need to stop sophisticated attacks and advanced threats while providing secure network access to those you trust.</p>	<p>Set up, manage and secure wireless networks in just minutes with the UTM's built-in wireless controller that works with our full range of wireless access points.</p>	<p>Comprehensive protection from the latest web threats and powerful policy tools ensures your users are secure and productive online.</p>
 <p><b>Security Heartbeat™</b></p>	 <p><b>Email Protection</b></p>	 <p><b>Web Server Protection</b></p>
<p>Links your Sophos endpoints with your firewall to deliver unparalleled protection from advanced threats and reduce the time and complexity of responding to security incidents.</p>	<p>Full SMTP and POP message protection from spam, phishing and data loss with our unique all-in-one protection that combines policy-based email encryption with DLP and anti-spam.</p>	<p>Harden your web servers and business applications against hacking attempts while providing secure access to external users with reverse proxy authentication.</p>

## A simple approach to comprehensive support

We build products that are simple yet comprehensive. And, we take the same approach with our support. With options ranging from basic technical support to those including direct access to senior support engineers and customized delivery.

Licenses names	Standard Included with purchase	Enhanced Included in all bundles	Enhanced Plus
<b>Support</b> Via telephone and email	For 90 days (business hours only)	Included (24x7)	VIP Access (24x7)
<b>Security Updates &amp; Patches</b> For the life of the product	Included with an active software subscription	Included with an active software subscription	Included with an active software subscription
<b>Software Feature Updates &amp; Upgrades</b>	Included 90-days	Included	Included
<b>Consulting</b> Remote consultation on your firewall configuration and security with a Sophos Senior Technical Support Engineer			Included (up to 4 hours)
<b>Warranty and RMA</b> For all hardware appliances	1 year (return / replace)	Advance Exchange (max. 5 years)	Advance Exchange (max. 5 years)
<b>Technical Account Manager</b> Dedicated named technical account manager		Optional (extra cost)	Optional (extra cost)

# Sophos XG Series Appliances - at a glance

With desktop models for small businesses looking for Unified Threat Management, to high-performance next-generation firewalls with features for high-availability in datacenter environments, our Intel® based appliances cover multiple deployment scenarios.

## Product Matrix

Model	Tech. Specs						Throughput			
	Form Factor	Maximum Network Ports (GE)	WiFi	Storage	RAM (GB)	Swappable Components	Firewall (Mbps)	VPN (Mbps)	IPS (Mbps)	AV-proxy (Mbps)
<b>XG 85(w)</b> Rev. 1	desktop	4	optional with 802.11 a/b/g/n	8 GB eMMC	2	n/a	2000	200	510	330
<b>XG 105(w)</b> Rev. 2	desktop	4	optional with 802.11 a/b/g/n	64 GB SSD	2	n/a	3000	300	700	430
<b>XG 115(w)</b> Rev. 2	desktop	4	optional with 802.11 a/b/g/n	64 GB SSD	4	n/a	3,500	350	900	520
<b>XG 125(w)</b> Rev. 2	desktop	8	optional with 802.11 a/b/g/n/ac	64 GB SSD	4	n/a	5,000	410	1,000	590
<b>XG 135(w)</b> Rev. 2	desktop	8	optional with 802.11 a/b/g/n/ac	64 GB SSD	6	n/a	7,000	950	1,750	1,400
<b>XG 210</b> Rev. 2	1U	14 (6 + 1 module)	n/a	120 GB SSD	8	n/a	14,000	1,350	2,700	2,300
<b>XG 230</b> Rev. 1	1U	14 (6 + 1 module)	n/a	120 GB SSD	8	n/a	18,000	1,500	4,200	2,800
<b>XG 310</b> Rev. 1	1U	18 (8 + 2SFP + 1 module)	n/a	180 GB SSD	12	n/a	25,000	2,500	5,500	3,300
<b>XG 330</b> Rev. 1	1U	18 (8 + 2SFP + 1 module)	n/a	180 GB SSD	12	n/a	30,000	3,200	8,500	6,000
<b>XG 430</b> Rev. 1	1U	24 (8 + 2 modules)	n/a	240 GB SSD	16	n/a	37,000	4,800	9,000	6,500
<b>XG 450</b> Rev. 1	1U	24 (8 + 2 modules)	n/a	2*240 GB SSD (RAID-1)	16	opt. Power	45,000	5,500	10,000	7,000
<b>XG 550</b> Rev. 1	2U	24 (8 + 2 modules)	n/a	2*300 GB SSD (RAID-1)	24	Power, SSD	60,000	8,400	17,000	10,000
<b>XG 650</b> Rev. 1	2U	32 (8 + 3 modules)	n/a	2*480 GB SSD (RAID-1)	48	Power, SSD	80,000	9,000	20,000	13,000
<b>XG 750</b> Rev. 1	2U	64 (8 + 7 modules)	n/a	2* 512 GB SSD (RAID-1)	64	Power, SSD, Fan	140,000	11,000	22,000	17,000

This is what you get with every XG Series Appliance:

- ▶ The latest Intel multi-core technology for optimal performance and efficiency
- ▶ Sophisticated security features such as Advanced Threat Protection 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

\* Excludes XG 85/XG 85w

# Sophos XG Series Desktop Appliances: XG 85 and XG 85w

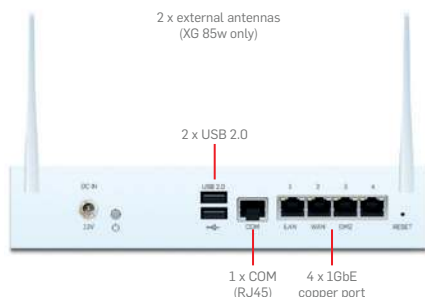
## Technical Specifications

These entry-level desktop firewalls are the ideal choice for budget-conscious small businesses, retail and small or home offices. They are available with and without integrated wireless LAN, so you can have an all-in-one network security and hotspot solution without the need for additional hardware. The Intel dual-core technology makes them highly efficient and as they're fanless, they won't add unwanted noise to your office space.

### Front View



### Back View



### Environment

<b>Power consumption</b>	3.24W, 11.04 BTU/h (idle) 5.64W, 19.232 BTU/h (full load)
<b>Operating temperature</b>	0-40°C (operating) -20 to +80°C (storage)
<b>Humidity</b>	10%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class B, IC, VCCI, MIC, RCM, UL, CCC
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Performance	XG 85(w) Rev. 1
<b>Firewall throughput</b>	2 Gbps
<b>VPN throughput</b>	200 Mbps
<b>IPS throughput</b>	510 Mbps
<b>Antivirus throughput (proxy)</b>	330 Mbps
<b>Concurrent connections</b>	2,000,000
<b>New connections/sec</b>	18,000
<b>Maximum licensed users</b>	unrestricted

### Wireless Specification (XG 85w only)

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

### Physical interfaces

<b>Storage</b>	8 GB eMMC
<b>Ethernet interfaces (fixed)</b>	4 GE copper
<b>I/O ports (rear)</b>	2 x USB 2.0 1 x COM (RJ45)
<b>Power supply</b>	External auto ranging DC: 12V, 100-240VAC, 50-60 Hz

### Physical specifications

<b>Mounting</b>	Rackmount kit available (to be ordered separately)
<b>Dimensions Width x Depth x Height</b>	225 x 150 x 44 mm 8.86 x 5.91 x 1.73 inches
<b>Weight</b>	0.95 kg / 2.09 lbs (unpacked) 1.97 kg / 4.34 lbs (packed)

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

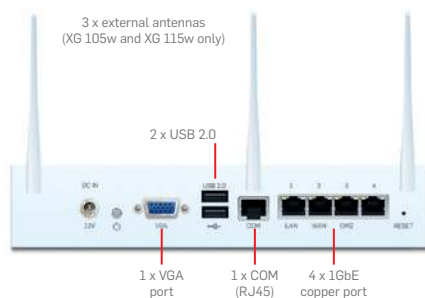
## Technical Specifications

These desktop firewall appliances offer an excellent price-to-performance ratio making them ideal for 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.

### Front View



### Back View



### Environment

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

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class B, IC, VCCI, MIC, RCM, UL, CCC
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Performance	XG 105(w) Rev. 2	XG 115(w) Rev. 2
<b>Firewall throughput</b>	3 Gbps	3.5 Gbps
<b>VPN throughput</b>	300 Mbps	350 Mbps
<b>IPS throughput</b>	700 Mbps	900 Mbps
<b>Antivirus throughput (proxy)</b>	430 Mbps	520 Mbps
<b>Concurrent connections</b>	3,200,000	6,000,000
<b>New connections/sec</b>	27,500	27,500
<b>Maximum licensed users</b>	unrestricted	unrestricted

### Wireless Specification (XG 105w and XG 115w only)

<b>No. of antennas</b>	3 external	3 external
<b>MIMO capabilities</b>	3 x 3:3	3 x 3:3
<b>Wireless interface</b>	802.11a/b/g/n (2.4 GHz / 5 GHz)	802.11a/b/g/n (2.4 GHz / 5 GHz)

### Physical interfaces

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

### Physical specifications

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

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

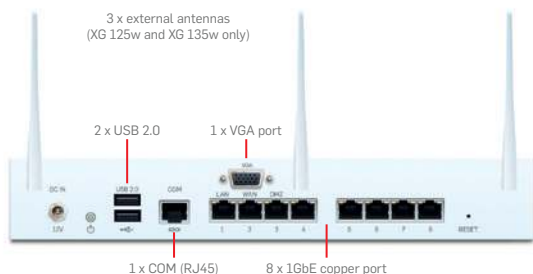
## Technical Specifications

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.

### Front View



### Back View



### Environment

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

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class B, IC, VCCI, MIC, RCM, UL, CCC
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Performance	XG 125(w) Rev. 2	XG 135(w) Rev. 2
<b>Firewall throughput</b>	5 Gbps	7 Gbps
<b>VPN throughput</b>	410 Mbps	950 Mbps
<b>IPS throughput</b>	1 Gbps	1.75 Gbps
<b>Antivirus throughput (proxy)</b>	590 Mbps	1.4 Gbps
<b>Concurrent connections</b>	6,200,000	8,200,000
<b>New connections/sec</b>	35,000	82,000
<b>Maximum licensed users</b>	unrestricted	unrestricted

### Wireless Specification (XG 125w and XG 135w only)

	XG 125(w) Rev. 2	XG 135(w) Rev. 2
<b>No. of antennas</b>	3 external	3 external
<b>MIMO capabilities</b>	3 x 3:3	3 x 3:3
<b>Wireless interface</b>	802.11a/b/g/n/ac (2.4 GHz / 5 GHz)	802.11a/b/g/n/ac (2.4 GHz / 5 GHz)

### Physical interfaces

	XG 125(w) Rev. 2	XG 135(w) Rev. 2
<b>Storage (local quarantine/logs)</b>	integrated SSD	integrated SSD
<b>Ethernet interfaces (fixed)</b>	8 GE copper	8 GE copper
<b>I/O ports (rear)</b>	2 x USB 2.0 1 x COM (RJ45) 1 x VGA	2 x USB 2.0 1 x COM (RJ45) 1 x VGA
<b>Power supply</b>	External auto ranging DC: 12V, 100-240VAC, 50-60 Hz	External auto ranging DC: 12V, 100-240VAC, 50-60 Hz

### Physical specifications

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

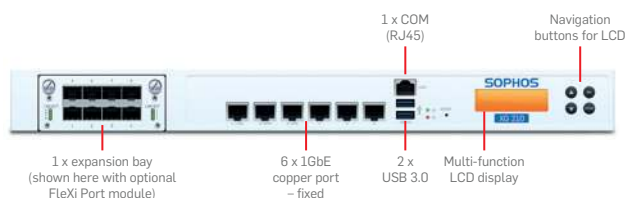


# Sophos XG Series Rackmount Appliances: XG 210, XG 230

## Technical Specifications

The Sophos XG 210 and XG 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.

### Front View



### Back View



### Environment

<b>Power consumption</b>	XG 210: 19W, 65 BTU/hr (idle) 29W, 99 BTU/hr (full load) XG 230: 21W, 72 BTU/hr (idle) 35W, 120 BTU/hr (full load)
<b>Operating temperature</b>	0-40°C (operating) -20 to +70°C (storage)
<b>Humidity</b>	0%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class A, IC, VCCI, RCM, UL, CCC
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### Performance

	XG 210 Rev. 2	XG 230 Rev. 1
<b>Firewall throughput</b>	14 Gbps	18 Gbps
<b>VPN throughput</b>	1.35 Gbps	1.5 Gbps
<b>IPS throughput</b>	2.7 Gbps	4.2 Gbps
<b>Antivirus throughput (proxy)</b>	2.3 Gbps	2.8 Gbps
<b>Concurrent connections</b>	8,200,000	8,200,000
<b>New connections/sec</b>	135,000	140,000
<b>Maximum licensed users</b>	unrestricted	unrestricted

### Physical interfaces

	XG 210 Rev. 2	XG 230 Rev. 1
<b>Storage (local quarantine/logs)</b>	integrated SSD	integrated SSD
<b>Ethernet interfaces (fixed)</b>	6 GE copper	6 GE copper
<b>No. of FleXi Port slots</b>	1	1
<b>FleXi Port modules (optional)</b>	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+* 4 port 10 GE SFP+* 4 port GE copper LAN bypass	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+* 4 port 10 GE SFP+* 4 port GE copper LAN bypass
<b>I/O ports</b>	2 x USB 3.0 (front) 1 x USB 2.0 (rear) 1 x COM (RJ45) (front) 1 x VGA (rear)	2 x USB 3.0 (front) 1 x USB 2.0 (rear) 1 x COM (RJ45) (front) 1 x VGA (rear)
<b>Display</b>	Multi-function LCD module	Multi-function LCD module
<b>Power supply</b>	Internal auto-ranging 90-264VAC, 50-60 Hz	Internal auto-ranging 90-264VAC, 50-60 Hz

### Physical specifications

<b>Mounting</b>	1U rack mount (2 rackmount ears included)
<b>Dimensions Width x Depth x Height</b>	438 x 292 x 44mm 17.24 x 11.5 x 1.75 inches
<b>Weight</b>	5 Kg / 11.02 lbs (unpacked) 6.9 Kg / 15.21 lbs (packed)

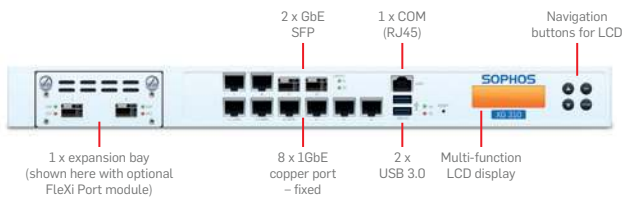
\* Transceivers (mini GBICs) sold separately

# Sophos XG Series Rackmount Appliances: XG 310, XG 330

## Technical Specifications

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 plus one FleXi Port slot to configure with an optional module. They provide optimal performance and flexibility.

### Front View



### Back View



### Environment

<b>Power consumption</b>	XG 310: 29W, 99 BTU/hr (idle) 50W, 171 BTU/hr (full load) XG 330: 33W, 113 BTU/hr (idle) 55W, 188 BTU/hr (full load)
<b>Operating temperature</b>	0-40°C (operating) -20 to +70°C (storage)
<b>Humidity</b>	0%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class A, IC, VCCI, RCM, UL, CCC
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Performance	XG 310 Rev. 1	XG 330 Rev. 1
<b>Firewall throughput</b>	25 Gbps	30 Gbps
<b>VPN throughput</b>	2.5 Gbps	3.2 Gbps
<b>IPS throughput</b>	5.5 Gbps	8.5 Gbps
<b>Antivirus throughput (proxy)</b>	3.3 Gbps	6 Gbps
<b>Concurrent connections</b>	17,500,000	17,500,000
<b>New connections/sec</b>	200,000	200,000
<b>Maximum licensed users</b>	unrestricted	unrestricted

### Physical interfaces

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

### Physical specifications

<b>Mounting</b>	1U rack mount (2 rackmount ears included)
<b>Dimensions Width x Depth x Height</b>	438 x 292 x 44mm 17.24 x 11.5 x 1.75 inches
<b>Weight</b>	5.2 Kg / 11.46 lbs (unpacked) 6.9 Kg / 15.21 lbs (packed)

\* Transceivers (mini GBICs) sold separately

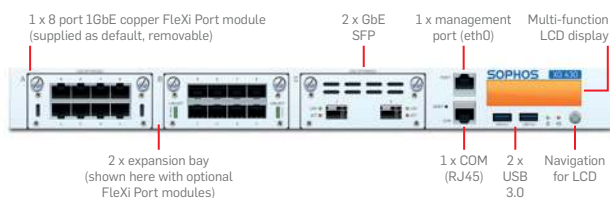
# Sophos XG Series Rackmount Appliances: XG 430, XG 450

## Technical Specifications

The Sophos XG 430 and XG 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 XG 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 XG 430



### Back View XG 450



### Environment

<b>Power consumption</b>	XG 430: 36W, 123 BTU/hr (idle) 147W, 502 BTU/hr (full load) XG 450: 53W, 181 BTU/hr (idle) 163W, 556 BTU/hr (full load)
<b>Operating temperature</b>	0-40°C (operating) -20 to +70°C (storage)
<b>Humidity</b>	0%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class A, IC, VCCI, RCM, UL, CCC
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Performance	XG 430 Rev. 1	XG 450 Rev. 1
<b>Firewall throughput</b>	37 Gbps	45 Gbps
<b>VPN throughput</b>	4.8 Gbps	5.5 Gbps
<b>IPS throughput</b>	9 Gbps	10 Gbps
<b>Antivirus throughput (proxy)</b>	6.5 Gbps	7 Gbps
<b>Concurrent connections</b>	20,000,000	20,000,000
<b>New connections/sec</b>	200,000	200,000
<b>Maximum licensed users</b>	unrestricted	unrestricted

### Physical interfaces

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

### Physical specifications

<b>Mounting</b>	1U rackmount (sliding rails incl.)
<b>Dimensions Width x Depth x Height</b>	438 x 483 x 44mm 17.24 x 19 x 1.75 inches
<b>Weight</b>	8.3 kg / 18.29 lbs (unpacked) 13.1 kg / 28.88 lbs (packed)

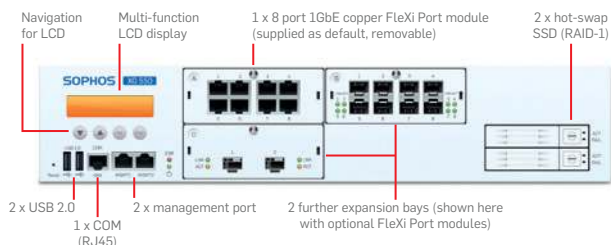
\* Transceivers (mini GBICs) sold separately

# Sophos XG Series Rackmount Appliances: XG 550, XG 650

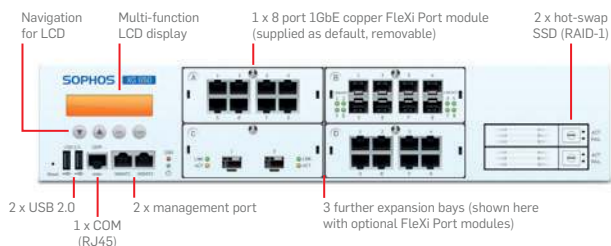
## Technical Specifications

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 3 (XG 550) or 4 (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.

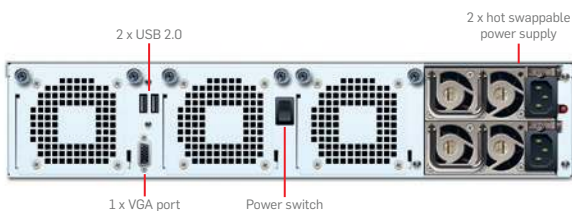
### Front View XG 550



### Front View XG 650



### Back View



### Environment

<b>Power consumption</b>	221.44W, 755.11 BTU/hr (idle) 335.4W, 1143.71 BTU/hr (full load)
<b>Operating temperature</b>	0-40°C (operating) -20 to +75°C (storage)
<b>Humidity</b>	10%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class A, IC, VCCI, RCM, UL, CCC
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Performance	XG 550 Rev. 1	XG 650 Rev. 1
<b>Firewall throughput</b>	60 Gbps	80 Gbps
<b>VPN throughput</b>	8.4 Gbps	9 Gbps
<b>IPS throughput</b>	17 Gbps	20 Gbps
<b>Antivirus throughput (proxy)</b>	10 Gbps	13 Gbps
<b>Concurrent connections</b>	20,000,000	20,000,000
<b>New connections/sec</b>	200,000	200,000
<b>Maximum licensed users</b>	unrestricted	unrestricted

### Physical interfaces

<b>Storage (local quarantine/logs)</b>	2 x integrated hot-swap SSD (RAID)	2 x integrated hot-swap SSD (RAID)
<b>Ethernet interfaces (removable)</b>	8 GE copper	8 GE copper
<b>No. of Flexi Port slots</b>	3	4
<b>Flexi Port modules (optional)</b>	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+*	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+*
<b>I/O ports</b>	2 x USB 2.0 (front) 2 x USB 2.0 (rear) 2 x Mgmt Port (eth0/eth1, front) 1 x COM (RJ45) (front) 1 x VGA (rear)	2 x USB 2.0 (front) 2 x USB 2.0 (rear) 2 x Mgmt Port (eth0/eth1, front) 1 x COM (RJ45) (front) 1 x VGA (rear)
<b>Display</b>	Multi-function LCD module	Multi-function LCD module
<b>Power supply</b>	2 x hot-swap internal auto-ranging 100-240VAC, 48-62 Hz PSU	2 x hot-swap internal auto-ranging 100-240VAC, 48-62 Hz PSU

### Physical specifications

<b>Mounting</b>	2U sliding rails (included)
<b>Dimensions Width x Depth x Height</b>	432.4 x 580 x 88 mm 17.02 x 22.83 x 3.46 inches
<b>Weight</b>	18.54 kg / 40.87 lbs (unpacked) 28.8 kg / 63.49 lbs (packed)

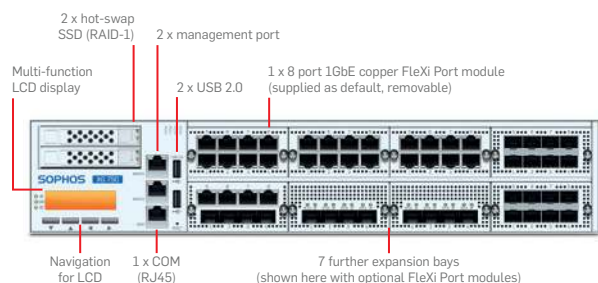
\* Transceivers (mini GBICs) sold separately

# Sophos XG Series Rackmount Appliances: XG 750

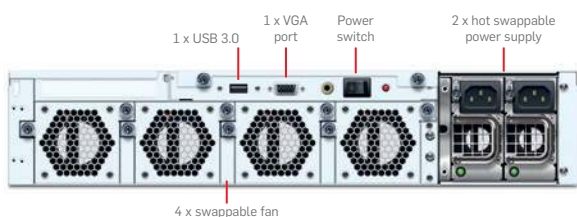
## Technical Specifications

The Sophos XG 750 is a high performance firewall suitable for high traffic datacenter and large enterprise environments. Intel multi core technology and redundancy features such as dual SSDs, power supplies and swappable fans, ensure you're 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.

### Front View



### Back View



### Environment

<b>Power consumption</b>	326.5W, 1114.01 BTU/h, 12A@115V (idle), 325W, 1108.90 BTU/h, 6A@230V (idle)  512.2W, 1747.62 BTU/h, 12A@115V (full load) 515.6W, 1759.27 BTU/h, 6A@230V (full load)
<b>Operating temperature</b>	0-40°C (operating) -40 to +70°C (storage)
<b>Humidity</b>	5%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, CE, FCC Class A, IC, VCCI, RCM, UL, CCC
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### Performance

	<b>XG 750 Rev. 1</b>
<b>Firewall throughput</b>	140 Gbps
<b>VPN throughput</b>	11 Gbps
<b>IPS throughput</b>	22 Gbps
<b>Antivirus throughput (proxy)</b>	17 Gbps
<b>Concurrent connections</b>	30,000,000
<b>New connections/sec</b>	300,000
<b>Maximum licensed users</b>	unrestricted

### Physical interfaces

<b>Storage (local quarantine/logs)</b>	2 x integrated hot-swap SSD (RAID)
<b>Ethernet interfaces (removable)</b>	8 GE copper
<b>No. of FleXi Port slots</b>	8
<b>FleXi Port modules (optional)</b>	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+* 4 port 10 GE SFP+* 4 port SFP* plus 4 port GE copper LAN bypass
<b>I/O ports</b>	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)
<b>Display</b>	Multi-function LCD module
<b>Power supply</b>	2 x hot-swap external auto-ranging 100-240VAC, 50-60 Hz

### Physical specifications




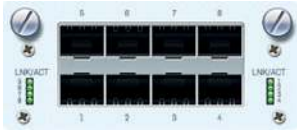

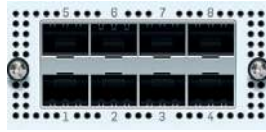







<b>Mounting</b>	2U sliding rails (included)
<b>Dimensions Width x Depth x Height</b>	438 x 600 x 88 mm 17.24 x 23.62 x 3.46 inches
<b>Weight</b>	23 kg / 50.71 lbs (unpacked) 25 kg / 55.12 lbs (packed)

\* Transceivers (mini GBICs) sold separately

# 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 XG 550 and XG 650	FleXi Port Modules for XG 750
 <p>8 port GbE copper FleXi Port module (for XG/SG 2xx/3xx/4xx only)</p>	 <p>8 port GbE copper FleXi Port module (for XG/SG/UTM 5xx and 6xx)</p>	 <p>8 port GbE copper FleXi Port module (for XG 750 only)</p>
 <p>8 port GbE SFP FleXi Port module (for XG/SG 2xx/3xx/4xx only)</p>	 <p>8 port GbE SFP FleXi Port module (for XG/SG/UTM 5xx and 6xx)</p>	 <p>8 port GbE SFP FleXi Port module (for XG 750 only)</p>
 <p>2 port 10 GbE SFP+ FleXi Port module (for XG/SG 2xx/3xx/4xx only)</p>	 <p>2 port 10 GbE SFP+ FleXi Port module Rev.2 (for XG/SG 550/650 only)</p>	 <p>2 port 10 GbE SFP+ FleXi Port module (for XG 750 only)</p>
 <p>4 port 10 GbE SFP+ FleXi Port module (for XG/SG 2xx/3xx/4xx only)</p>		 <p>4 port 10 GbE SFP+ FleXi Port module (for XG 750 only)</p>
 <p>4 port GbE copper LAN Bypass FleXi Port module (for XG/SG 2xx/3xx/4xx only)</p>		 <p>4 port GbE SFP plus 4 port GbE copper LAN bypass FleXi port module (for XG 750 only)</p>

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

# Sophos Wireless Protection









## Get secure and reliable wireless access all over the office

Simplify your wireless networking by using your Sophos XG Firewall as a wireless controller to centralize your Wi-Fi management and security. Sophos Wireless Protection is included in the Base Firewall license and for example, provides full hotspot support to simply set up guest and visitor access. Our optional access points are automatically set up and configured by the firewall. That means all your wireless clients get complete threat protection too.

## Choose your Access Point

Our APs are built on the latest enterprise-class, high-speed wireless chipsets with custom designed antennas, added CPU and memory resources, and hardware accelerated encryption.

## Product Matrix

Sophos Access Points	AP 15	AP 55	AP 55C	AP 100	AP 100C	AP 100X
						
<b>Capacity</b>						
	SOHO	Enterprise dual-band/dual-radio	Enterprise dual-band/dual-radio ceiling mount	Enterprise dual-band/dual-radio	Enterprise-grade ceiling mount	IP67 Enterprise outdoor/exterior wall-mount
<b>Maximum throughput</b>	300 Mbps	867 Mbps + 300 Mbps	867 Mbps + 300 Mbps	1.3 Gbps + 450 Mbps	1.3 Gbps + 450 Mbps	1.3 Gbps + 450 Mbps
<b>Multiple SSIDs</b>	8	8 per radio (16 in total)	8 per radio (16 in total)	8 per radio (16 in total)	8 per radio (16 in total)	8 per radio (16 in total)
<b>Technical Specification</b>						
<b>LAN interface</b>	1 x 10/100/1000 Base TX	1 x 10/100/1000 Base TX	1 x 10/100/1000 Base TX	1 x 10/100/1000 Base TX	1 x 10/100/1000 Base TX	1 x 10/100/1000 Base TX
<b>Supported WLAN Standards</b>	802.11 b/g/n 2.4 GHz	802.11 a/b/g/n/ac 2.4 and 5 GHz	802.11 a/b/g/n/ac 2.4 GHz and 5 GHz	802.11 a/b/g/n/ac 2.4 and 5 GHz	802.11 a/b/g/n/ac 2.4 and 5 GHz	802.11 a/b/g/n/ac 2.4 and 5 GHz
<b>DFS/TPC</b>	-	Yes	Yes	Yes	Yes	Yes
<b>Power over Ethernet</b>	802.3af (PoE+)	802.3at (PoE+)	802.3at (PoE+)	802.3at (PoE+)	802.3at (PoE+)	802.3at (PoE+)
<b>Number of antennas</b>	2 external	2 external	4 internal	3 external	6 internal	6 external
<b>Number of radios</b>	1	2	2	2	2	2
<b>MIMO capabilities</b>	2x2:2	2x2:2	2x2:2	3x3:3	3x3:3	3x3:3
<b>Power supply</b>	90-240V, 50/60 Hz	100-240V, 50/60 Hz	100-240V, 50/60Hz	100-240V, 50/60 Hz	100-240V, 50/60 Hz	100-240V, 50/60 Hz
<b>Power consumption (max.)</b>	2.5W	11W	13W	13W	13W	15W
<b>Physical Specification</b>						
<b>Dimensions (WxHxD)</b>	194 x 32 x 115 mm	183 x 36 x 183 mm	200 (Diameter) x 37 mm (Height)	183 x 36 x 183 mm	200 (Diameter) x 37 mm (Height)	255 x 225 x 90 mm
<b>Weight</b>	260g	500g	640g	505g	640 g	2.5 kg
<b>Mounting options</b>	Desktop/wall	Desktop/wall	Ceiling	Desktop/wall	Ceiling	Wall/pole
<b>Product Certifications</b>						
<b>Certifications</b>	FCC, CE, SRRC	FCC, CE	CB, CE, FCC, UL (plenum-rated)	FCC, CE	CB, CE, FCC, NCC, UL (plenum-rated)	CB, CE, FCC, UL
						

## Hardware Appliances with integrated WiFi

All our XG Series desktop appliances are available with an integrated wireless access point. Coverage can be further extended by adding Sophos Access Points. Please see the Hardware section for further details.



# Sophos RED (Remote Ethernet Device)

## Turn any location into a secure location with our Remote Ethernet Devices (RED)

If you have branch offices, retail locations, remote outposts or otherwise need to extend your secure network easily and affordably beyond your main facility, Sophos Remote Ethernet Devices are the ideal solution. Uniquely simple and imminently affordable, RED provides an elegant solution to building a secure distributed network.

### Plug-and-protect

Sophos RED makes extending your secure network to other locations easy. It requires no technical skills at the remote site; simply enter the RED device ID into your XG Firewall console and ship it. As soon as it's plugged in and connected to the Internet, it will contact your firewall and establish a secure dedicated VPN tunnel. It's that easy.

RED appliance	RED 15	RED 50
		
<b>Capacity</b>		
Maximum users	Unrestricted	Unrestricted
Maximum throughput	90 Mbps	360 Mbps
<b>Physical interfaces</b>		
LAN interfaces	4 x 10/100/1000 Base-TX	4 x 10/100/1000 Base-TX
WAN interfaces	1 x 10/100/1000 Base-TX	2 x 10/100/1000 Base-TX
USB interfaces	1 x USB 2.0	2 x USB 2.0
Serial console	1 x RJ45 console	1 x RJ45 console
LED display	Power, system, router, Internet, tunnel, 4 x LAN, WAN	Power, error, 4 x LAN, 2 x WAN
Power supply	110-240 V, 50-60 Hz, max. 1.5 A	100-240 V, 50-60 Hz, 1.3 A
<b>Physical specifications</b>		
Chassis	Heavy-duty steel	Heavy-duty steel
Mounting	Desktop	Desktop/wall/rack (optional)
Dimensions (W x H x D)	165 x 34 x 134.8 mm	216 x 44 x 189 mm
Weight	600 g / 1.31 lbs	1.1 kg / 2.43 lbs
Power consumption	< 7 W	38.2 W (max.)
Temperature	0-40°C (operating), -20-80°C (storage)	0-40°C (operating), -20-70°C (storage)
Humidity	10-90% (operating), 5-95% (storage), non-condensing	5-90% (operating), 5-95% (storage), non-condensing
<b>Product Certifications</b>		
Certifications	CB, CE, FCC Class B, IC, VCCI, RCM, UL, CCC	CB, CE, FCC Class A, IC, VCCI, C-TICK, UL



# Sophos Firewall Manager (SFM)

Sophos Firewall Manager (SFM) provides powerful centralized management for all your Sophos Firewalls across multiple customers sites or branch offices all from a single screen. Whether you're an MSP, Enterprise Network Security Admin, or simply managing a few small offices, SFM simplifies security management enabling consistent enforcement, easy provisioning of new policies, and at-a-glance monitoring of device health. SFM saves you time, money and makes management simpler.

**Comprehensive Centralized Management** - Manage all Firewall policies and configuration from single console.

**Insightful Monitoring** - At-a-glance device and network health indicators.

**Extensive Administrative controls** - Role-based administration, change control and logging.

**Flexible Deployment Options** - Available as Hardware, Software, or Virtual appliance.

SFM Hardware Models	SFM 200	SFM 300	SFM 400
Recommended number of Sophos Firewall OS devices	30	150	300
10 /100 /1000 RJ45 Ports	6	6	6
Console ports (RJ-45)	1	1	1
USB ports	2	2	2

Virtual/Software	SFM v5*	SFM v15	SFM v50	SFM v100	SFM v200	SFM v500	SFM v1000
Number of Sophos Firewall OS devices supported	5	15	50	100	200	500	1000
Recommended CPU**	Dual Core	Dual Core	Dual Core	Dual Core	Dual Core	Quad Core	Quad Core
Recommended Memory (vRAM)	2 GB	2 GB	4 GB	4 GB	8 GB	8 GB	16 GB
Recommended HDD	160 GB	160 GB	250 GB	500 GB	500 GB	1 TB	1 TB
Network Interface Support (Minimum/Maximum)	1/4	1/4	1/4	1/4	1/4	1/4	1/4

\* Free for evaluation purpose

\*\* CPU frequency 2.7 GHz or equivalent



# Sophos iView v2

Monitoring a distributed network across multiple locations can be a challenge. That's where Sophos iView can help. It provides you with an intelligent, uninterrupted view of your network from a single pane of glass. If you have multiple appliances, need consolidated reporting, or could just use help with log management or compliance, Sophos iView is the ideal solution.

**Consolidated reporting** - Aggregated reporting across multiple Sophos and Cyberoam firewall devices.

**User-based Reporting** - Our patented Layer-8 user identity provides visibility into user activities regardless of where they're working.

**Security intelligence** - Identify potential network issues and possible attacks anywhere across your network.

**Log backup and management** - Logs data from multiple devices at distributed locations with smart indexing and easy search facilities.

**Deployment options** - Available as software ISO or virtual appliance.

## Technical Specifications

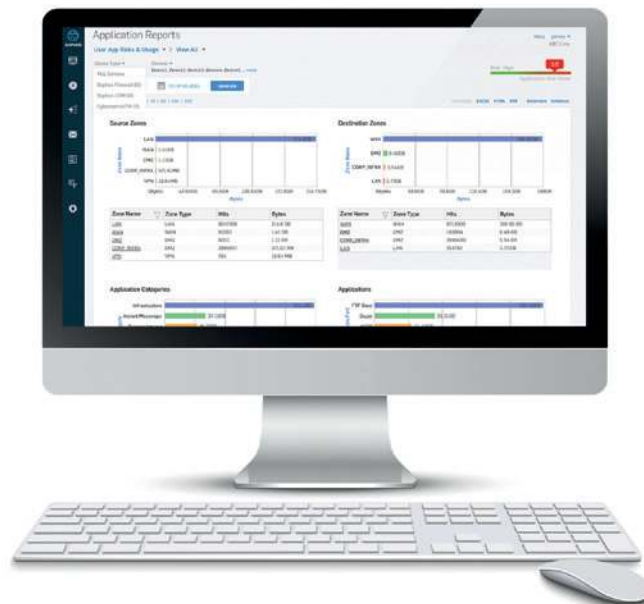
License names	iView Light*	iView 500 GB	iView 1 TB	iView 4 TB	iView 8 TB	iView Unlimited
Storage limit	100 GB	500 GB	1 TB	4 TB	8 TB	Unlimited (16 TB recommended)
Recommended CPU**	Dual core	Dual core	Dual core	Quad core	Quad core	Quad core†
Recommended Memory (vRAM)	4 GB	4 GB	4 GB	4 GB	4 GB	8 GB
Network Interface support (Minimum/Maximum)	1/4	1/4	1/4	1/4	1/4	1/4

\* Free for evaluation purposes

Event capacity varies with CPU family and hardware specs

\*\* CPU frequency 2.7 GHz or equivalent

† CPU frequency 3.1 GHz or equivalent





## Try it for free – business and even at home

If you have any additional questions visit [sophos.com](http://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/xgfirewall](http://sophos.com/xgfirewall)**

### Free Home Use version

Our Sophos XG 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](http://sophos.com/freetools)**

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

North American Sales  
Toll Free: 1-866-866-2802  
Email: [nasales@sophos.com](mailto:nasales@sophos.com)

Australia and New Zealand Sales  
Tel: +61 2 9409 9100  
Email: [sales@sophos.com.au](mailto:sales@sophos.com.au)

Asia Sales  
Tel: +65 62244168  
Email: [salesasia@sophos.com](mailto:salesasia@sophos.com)