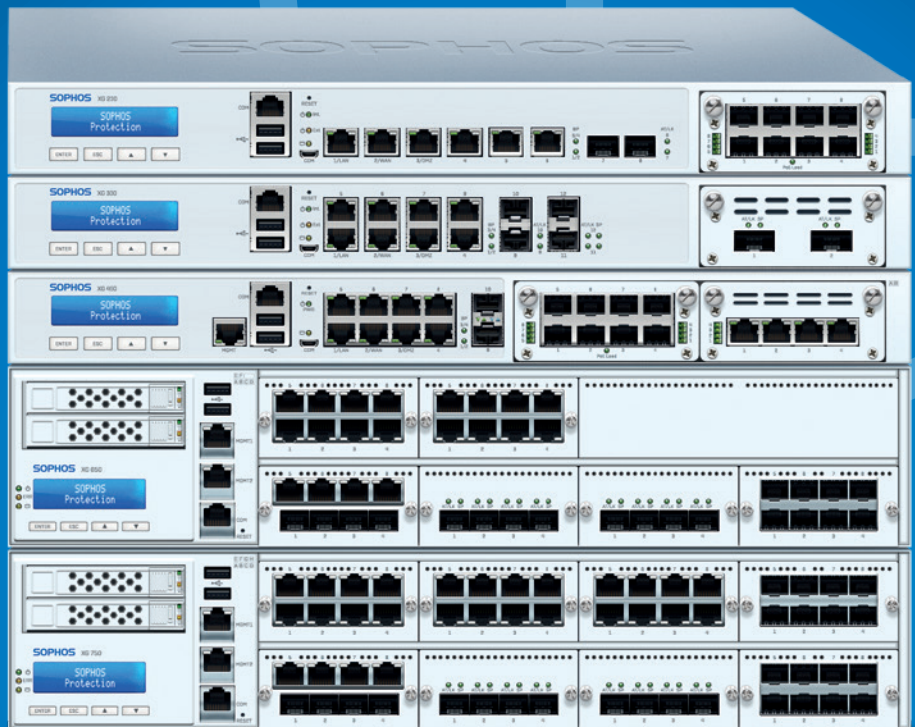# SOPHOS
Security made simple.

Sophos XG Firewall

Unrivalled Security, Simplicity and Insight

Sophos XG Firewall brings a fresh new approach to the way you manage your firewall, respond to threats, and monitor what's happening on your network.

Sophos XG Firewall

Sophos XG Firewall provides comprehensive next-generation firewall protection that blocks unknown threats, automatically responds to incidents, and exposes hidden risks.

Blocks unknown threats

Sophos XG Firewall provides all the latest advanced technology you need to protect your network from ransomware and advanced threats including top-rated IPS, Advanced Threat Protection, Cloud Sandboxing, Dual AV, Web and App Control, Email Protection and a full-featured Web Application Firewall. And it's easy to setup and manage.

Automatically responds to incidents

XG Firewall is the only network security solution that is able to fully identify the source of an infection on your network and automatically limit access to other network resources in response. This is made possible with our unique Sophos Security Heartbeat™ that shares telemetry and health status between Sophos endpoints and your firewall.

Exposes hidden risks

Sophos XG Firewall provides unprecedented visibility into top risk users, unknown apps, advanced threats, suspicious payloads and much more. You also get rich on-box reporting included at no extra charge and the option to add Sophos iView for centralized reporting across multiple firewalls.

Potent, powerful ... fast

We've engineered XG Firewall to deliver outstanding performance and security efficiency for the best return on your investment. 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.

Simply manage multiple firewalls

Sophos Firewall Manager provides a single console for the complete central management of multiple XG Firewalls. And if you also want to consolidate reporting across multiple XG, SG, and Cyberoam appliances then with Sophos iView, you can.

Security features you can't get anywhere else

XG Firewall includes a number of innovations that not only make your job a lot easier, but also ensure your network is more secure.

A revolution in advanced threat protection – Sophos Synchronized Security

An industry first, Synchronized Security links your endpoints and your firewall to enable unique insights and coordination. Security Heartbeat™ relays Endpoint health status and enables your firewall to immediately identify and respond to a compromised system on your network. The firewall can isolate systems until they can be investigated and cleaned up. Another Synchronized Security feature, Synchronized App Control, also enables the firewall to query the endpoint to determine the source of unknown traffic on the network.

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.

Policy templates get you protected fast

Pre-defined policy templates let you protect common applications like Microsoft Exchange or SharePoint quickly and easily. 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.

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.
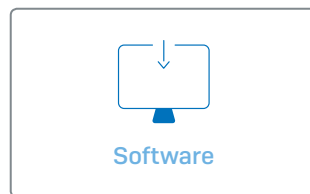
Flexible deployment, no compromise

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.
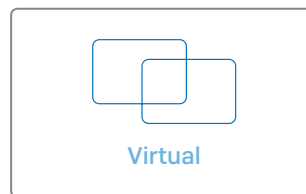
To find out more visit www.sophos.com/xgfirewall
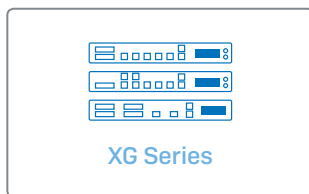
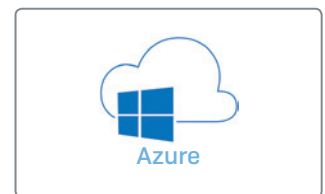| XG Series	Software	Virtual	Azure
Purpose-built devices to provide the ultimate in performance.	Install the Sophos Firewall OS image on your own Intel hardware or server.	Install on VMware, Citrix, Microsoft Hyper-V and KVM.	Protect your network infrastructure in the Azure cloud.

Network Protection

All the protection you need to stop sophisticated attacks and advanced threats while providing secure network access to those you trust.

Next-gen Intrusion Prevention System
Provides advanced protection from all types of modern attacks. It goes beyond traditional server and network resources to protect users and apps on the network as well.

Advanced Threat Protection
Instant identification and immediate response to today's most sophisticated attacks. Multi-layered protection identifies threats instantly and Security Heartbeat™ provides an emergency response.

Security Heartbeat
Creates a link between your Sophos Central protected endpoints and your firewall to identify threats faster, simplify investigation and minimize impact from attacks. Easily incorporate Heartbeat status into firewall policies to automatically isolate compromised systems.

Advanced VPN technologies
Adds unique and simple VPN technologies including our clientless HTML5 self-service portal that makes remote access incredibly simple or utilize our exclusive light-weight secure RED (Remote Ethernet Device) VPN technology.

Web Protection

Comprehensive web protection and application control with powerful and flexible policy tools ensure your networked users are secure and productive.

Powerful user and group web policy
Provides enterprise-level Secure Web Gateway policy controls to easily manage sophisticated user and group web controls. Apply policies based upon uploaded web keywords indicating inappropriate use or behavior.

Advanced Web Threat Protection
Backed by SophosLabs, our advanced engine provides the ultimate protection from today's polymorphic and obfuscated web threats. Innovative techniques like JavaScript emulation, behavioral analysis, and origin reputation help keep your network safe.

High performance transparent proxy
Optimized for top performance, our transparent proxy technology provides ultra-low latency inspection and HTTPS scanning of all traffic for threats and compliance.

Layer-8 Application Control and QoS
Enables user-aware visibility and control over thousands of applications with granular policy and traffic-shaping (QoS) options based on application category, risk, and other characteristics.

Sandstorm Protection

Sophos Sandstorm uses next-gen cloud-sandbox technology to give your organization an extra layer of security against ransomware and targeted attacks.

No Additional Hardware
It integrates with your XG Firewall and is cloud-delivered so there's no additional hardware required. Sophos Sandstorm blocks evasive threats like ransomware, disguised as executables, PDFs, and Microsoft Office documents — sending them to a cloud-sandbox to be detonated and observed in a safe environment.

Better Protected, Better Informed
Threat intelligence is fed back to your XG Firewall and the file blocked or permitted. The process takes just a couple of minutes with minimal impact for the user. And Sandstorm gives you detailed threat reports for every incident so you know exactly what's going on.

Email Protection

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.

Integrated Message Transfer Agent
Ensures always-on business continuity for your email, allowing the firewall to automatically queue mail in the event servers become unavailable.

Live Anti-Spam
Provides protection from the latest spam campaigns, phishing attacks, and malicious attachments .

Self-serve Quarantine
Gives employees direct control over their spam quarantine, saving you time and effort.

SPX Email Encryption
Unique to Sophos, SPX makes it easy to send encrypted email to anyone, even those without any kind of trust infrastructure using our patent-pending password-based encryption technology.

Data Loss Prevention
Policy based DLP can automatically trigger encryption or block/notify based on the presence of sensitive data in emails leaving the organization.

Web Server Protection

Harden your web servers and business applications against hacking attempts with a full-featured Web Application Firewall while providing secure access with reverse proxy authentication.

### Business Application Policy Templates
Pre-defined policy templates let you protect common applications like Microsoft Exchange Outlook Anywhere or SharePoint quickly and easily.

Protection from the latest hacks and attacks
With a variety of advanced protection technologies including URL and form hardening, deep-linking and directory traversal prevention, SQL injection and cross-site scripting protection, cookie signing and more.

Reverse proxy
With authentication options, SSL offloading, and server load balancing ensure maximum protection and performance for your servers being accessed from the internet.
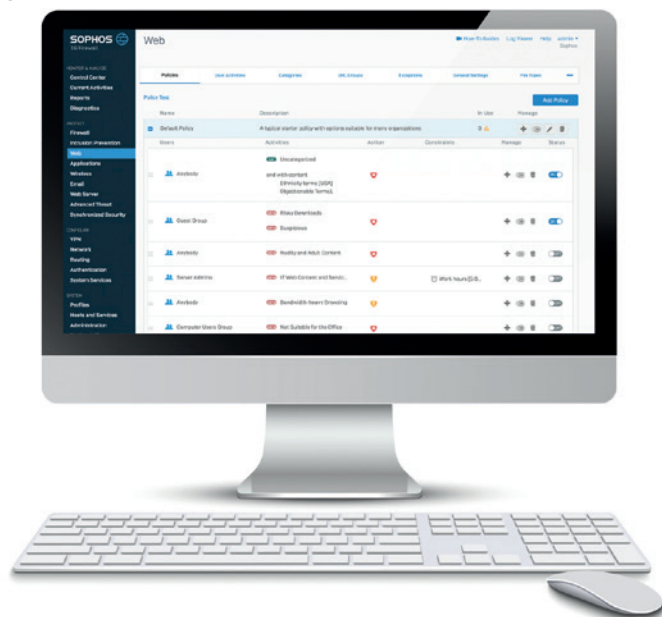
How to Buy

Every XG Firewall comes equipped with Base Firewall functionality including IPSec, SSL VPN, and Wireless Protection. You can extend protection with our bundles or by adding protection modules individually.

Network Protection

All the protection you need to stop sophisticated attacks and advanced threats while providing secure network access to those you trust.

Sandstorm Protection

Sophos Sandstorm uses next-gen cloud-sandbox technology to give your organization an extra layer of security against ransomware and targeted attacks.

Web Protection

Comprehensive web protection and application control with powerful and flexible policy tools ensure your networked users are secure and productive.

Security Heartbeat™

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.

Email Protection

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.

Web Server Protection

Harden your web servers and business applications against hacking attempts while providing secure access to external users with reverse proxy authentication.

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

Synchronized Security

Security Heartbeat™ - Your firewall and your endpoints are finally talking

Sophos XG Firewall is the only network security solution that is able to fully identify the user and source of an infection on your network and automatically limit access to other network resources in response. This is made possible with our unique Sophos Security Heartbeat™ that shares telemetry and health status between Sophos endpoints and your firewall.

The good news is, this all happens automatically, and is successfully helping numerous businesses and organizations to save time and money in protecting their environments today.

Synchronized App Control - Revealing the unknown

Using the Security Heartbeat we can do much more than just see the health status of an endpoint. We also have a solution to one of the biggest problems most network administrators face today - lack of visibility into network traffic.

Synchronized App Control automatically identifies, classifies and controls custom, evasive, and generic web applications which are currently going unidentified. Because these applications become visible, policies can also be applied to them, putting them fully under your control.

To find out more, visit sophos.com/xgfirewall

What Next-Gen Firewalls See Today   **What XG Firewall Sees**

You can't control what you can't see. All firewalls today depend on static application signatures to identify apps But those don't work for most custom, obscure, evasive, or any apps using generic HTTP or HTTPS.

XG Firewall utilizes Synchronized Security to automatically identify, classify, and control all unknown applications Easily blocking the apps you don't want and prioritizing the ones you do.

But there's more...

Synchronized Security can connect much more than just your firewall and your endpoints. Using Sophos Central as our synchronized security platform, we are adding many more solutions to improve your protection.

To find out more, visit our Synchronized Security page on our website.

Sophos XG Series Appliances – at a glance

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

Product Matrix

Model	Revision #	Form Factor	Ports/Slots [Max Ports]	w-model 802.11 wireless	Swappable Components	Firewall [Mbps]	VPN [Mbps]	NGFW [Mbps]	AV-proxy [Mbps]
				Tech. Specs		Throughput[1]			
XG 85(w)	1	desktop	4	a/b/g/n	n/a	2000	200	235	330
XG 105(w)	2	desktop	4	a/b/g/n	n/a	3000	300	270	430
XG 115(w)	2	desktop	4	a/b/g/n	n/a	3,500	350	310	520
XG 125(w)	2	desktop	8	a/b/g/n/ac	n/a	5,000	410	360	590
XG 135(w)	2	desktop	8	a/b/g/n/ac	n/a	7,000	950	880	1,400
XG 210	3	1U	8/1 [16]	n/a	opt. ext. Power	16,000	1,450	2,200	2,300
XG 230	2	1U	8/1 [16]	n/a	opt. ext. Power	20,000	1,700	3,000	2,800
XG 310	2	1U	12/1 [20]	n/a	opt. ext. Power	28,000	2,750	4,000	3,300
XG 330	2	1U	12/1 [20]	n/a	opt. ext. Power	33,000	3,200	5,500	6,000
XG 430	2	1U	10/2 [26]	n/a	opt. ext. Power	41,000	4,800	6,000	6,500
XG 450	2	1U	10/2 [26]	n/a	opt. int. Power	50,000	5,500	7,500	7,000
XG 550	2	2U	8/4 [32]	n/a	Power, SSD, Fan	65,000	8,400	9,000	10,000
XG 650	2	2U	8/6 [48]	n/a	Power, SSD, Fan	85,000	9,000	10,000	13,000
XG 750	2	2U	8/8 [64]	n/a	Power, SSD, Fan	100,000	11,000	11,800	17,000

Sophos XG Firewall TotalProtect Plus Bundle

For the ultimate in protection, value, and peace-of-mind, get our convenient TotalProtect Plus bundle.

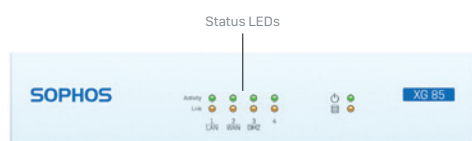| What you get	TotalProtect Plus Bundle
Base Firewall Firewall, IPsec and SSL VPN, Wireless Protection (APs sold separately)	✓
Network Protection IPS, RED, HTML5 VPN, ATP, Security Heartbeat	✓
Web Protection Anti-malware, Web and App visibility, control, and protection	✓
Email Protection Anti-spam, SPX Email Encryption, and DLP	✓
Web Server Protection Web Application Firewall and reverse proxy	✓
Sandstorm Protection next-gen cloud-sandbox technology	✓
Enhanced Support 24x7 support, security and software updates, adv. exchange warranty	✓
XG Series Hardware Appliance Multi-core Intel processor, solid-state storage, flexible connectivity	✓

Sophos XG Series Desktop Appliances: XG 85 and XG 85w
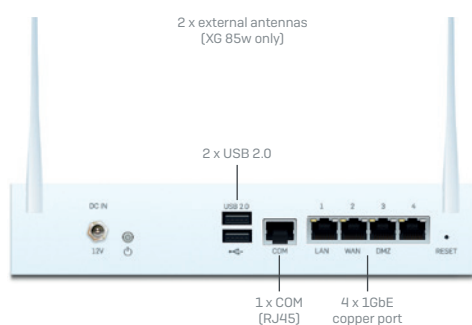
Technical Specifications

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.

Note: The XG 85 and 85w 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 105(w) is recommended.

Front View

Status LEDs

Back View

2 x external antennas
(XG 85w only)

2 x USB 2.0

1 x COM
(RJ45)

4 x 1GbE
copper port

Environment

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

Product Certifications

Certifications	CB, CE, FCC Class B, IC, VCCI, MIC, RCM, UL, CCC

Performance[1]

Performance[1]	XG 85(w) Rev. 1
Firewall throughput	2 Gbps
Firewall IMIX	780 Mbps
VPN throughput	200 Mbps
IPS throughput	510 Mbps
NGFW (IPS + App Ctrl + WebFilter) max.	235 Mbps
Antivirus throughput (proxy)	330 Mbps
Concurrent connections	2,000,000
New connections/sec	18,000
Maximum licensed users	unrestricted

Wireless Specification (XG 85w only)

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

Physical interfaces

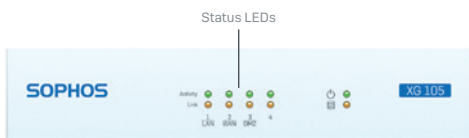|	
Storage	8 GB eMMC
Ethernet interfaces (fixed)	4 GE copper
I/O ports (rear)	2 x USB 2.0
	1 x COM (RJ45)
Power supply	External auto ranging DC: 12V, 100-240VAC, 50-60 Hz

Physical specifications

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

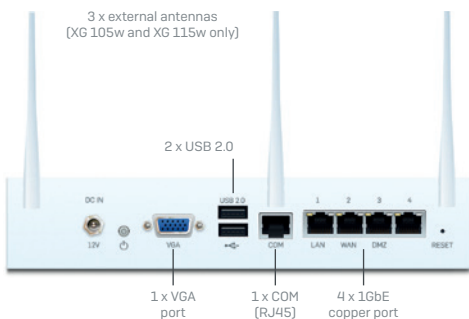# Sophos XG Series Desktop Appliances: XG 105, XG 105w, XG 115, XG 115w

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

Status LEDs

Back View

3 x external antennas
(XG 105w and XG 115w only)

2 x USB 2.0

1 x VGA port

1 x COM (RJ45)

4 x 1GbE copper port

Environment

Power consumption	4.83W, 16.468 BTU/hr (idle) 9.84W, 33.55 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 Class B, IC, VCCI, MIC, RCM, UL, CCC

Performance

Performance[1]	XG 105(w) Rev. 2	XG 115(w) Rev. 2
Firewall throughput	3 Gbps	3.5 Gbps
Firewall IMIX	1.04 Gbps	1.33 Gbps
VPN throughput	300 Mbps	350 Mbps
IPS throughput	700 Mbps	900 Mbps
NGFW (IPS + App Ctrl + WebFilter) max.	270 Mbps	310 Mbps
Antivirus throughput (proxy)	430 Mbps	520 Mbps
Concurrent connections	3,200,000	6,000,000
New connections/sec	27,500	27,500
Maximum licensed users	unrestricted	unrestricted

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

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

Physical interfaces

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

Physical specifications

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

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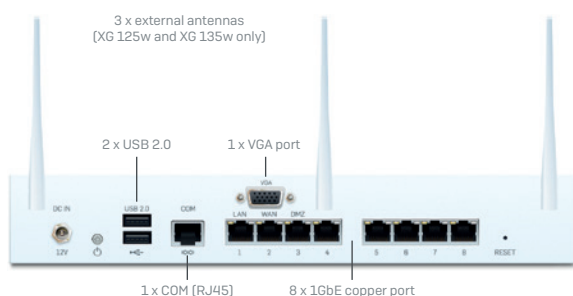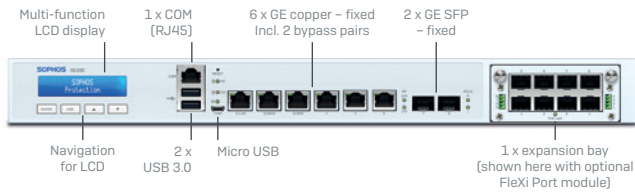# XG 125, XG 125w, XG 135, XG 135w

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

Status LEDs

SOPHOS   XG 125

Back View

3 x external antennas
(XG 125w and XG 135w only)

2 x USB 2.0   1 x VGA port

DC IN   USB 2.0   COM   LAN WAN DMZ
12V   1 2 3 4   5 6 7 8   RESET

1 x COM (RJ45)   8 x 1GbE copper port

Environment

Power consumption	12.46W, 49.3 BTU/hr (idle)
	26.16W, 89.2 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 Class B, IC, VCCI, |
| | MIC, RCM, UL, CCC |

Performance[1]

Performance[1]	XG 125(w) Rev. 2	XG 135(w) Rev. 2
Firewall throughput	5 Gbps	7 Gbps
Firewall IMIX	1.75 Gbps	2.75 Gbps
VPN throughput	410 Mbps	950 Mbps
IPS throughput	1 Gbps	1.75 Gbps
NGFW (IPS + App Ctrl + WebFilter) max.	360 Mbps	880 Mbps
Antivirus throughput (proxy)	590 Mbps	1.4 Gbps
Concurrent connections	6,200,000	8,200,000
New connections/sec	35,000	82,000
Maximum licensed users	unrestricted	unrestricted

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

No. of antennas	3 external
MIMO capabilities	3 x 3:3
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 GE copper
I/O ports (rear)	2 x USB 2.0
	1 x COM (RJ45)
	1 x VGA
Power supply	External auto ranging DC: 12V, 100-240VAC, 50-60 Hz

Physical specifications

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

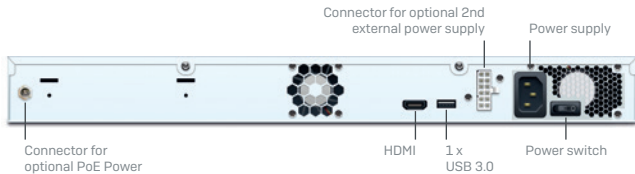# Sophos XG Series Rackmount Appliances: XG 210, XG 230

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 , 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.

Front View

Multi-function LCD display | 1 x COM (RJ45) | 6 x GE copper – fixed Incl. 2 bypass pairs | 2 x GE SFP – fixed

Navigation for LCD | 2 x USB 3.0 | Micro USB | 1 x expansion bay (shown here with optional FleXi Port module)

Back View

Connector for optional 2nd external power supply | Power supply

Connector for optional PoE Power | HDMI | 1 x USB 3.0 | Power switch

Environment

Power consumption	XG 210: 19W, 65 BTU/hr (idle) 35W, 119 BTU/hr (full load) XG 230: 21W, 72 BTU/hr (idle) 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 BIS (planned), MSIP/KCC (planned)

Performance[1]

Performance[1]	XG 210 Rev. 3	XG 230 Rev. 2
Firewall throughput	16 Gbps	20 Gbps
Firewall IMIX	5.5 Gbps	6.8 Gbps
VPN throughput	1.45 Gbps	1.7 Gbps
IPS throughput	2.7 Gbps	4.2 Gbps
NGFW (IPS + App Ctrl) max.	2.2 Gbps	3 Gbps
Antivirus throughput (proxy)	2.3 Gbps	2.8 Gbps
Concurrent connections	8,200,000	8,200,000
New connections/sec	135,000	140,000
Maximum licensed users	unrestricted	unrestricted

Physical interfaces

Storage (local quarantine/logs)	integrated SSD
Ethernet interfaces (fixed)	6 GE copper (incl. 2 bypass pairs) 2 GE SFP*
No. of FleXi Port slots	1
FleXi Port modules (optional)	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+* 4 port 10 GE SFP+* 2 port 40 GE QSFP+* 4 port GE PoE 8 port GE PoE 4 port GE copper LAN bypass
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

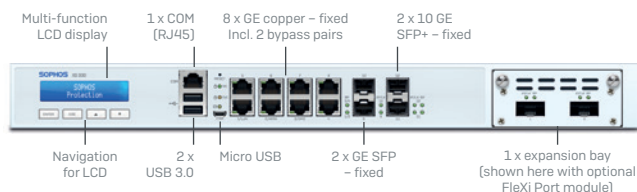|	
Mounting	1U rack mount (2 rackmount ears included)
Dimensions Width x Depth x Height	438 x 344.4 x 44mm 17.24 x 13.56 x 1.75 inches
Weight	5.2 kg / 11.46lb (unpacked) 7.7 kg / 16.98 lbs (packed)

* Transceivers (mini GBICs) sold separately

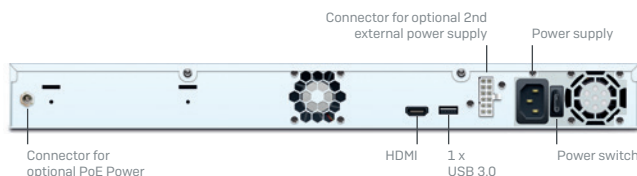# Sophos XG Series Rackmount Appliances: XG 310, XG 330

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, 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.

Front View

Performance[1]	XG 310 Rev. 2	XG 330 Rev. 2
Firewall throughput	28 Gbps	33 Gbps
Firewall IMIX	9.5 Gbps	12.5 Gbps
VPN throughput	2.75 Gbps	3.2 Gbps
IPS throughput	5.5 Gbps	8.5 Gbps
NGFW (IPS + App Ctrl) max.	4 Gbps	5.5 Gbps
Antivirus throughput (proxy)	3.3 Gbps	6 Gbps
Concurrent connections	17,500,000	17,500,000
New connections/sec	200,000	200,000
Maximum licensed users	unrestricted	unrestricted

Front View labels:
Multi-function LCD display · 1 x COM (RJ45) · 8 x GE copper – fixed Incl. 2 bypass pairs · 2 x 10 GE SFP+ – fixed
Navigation for LCD · 2 x USB 3.0 · Micro USB · 2 x GE SFP – fixed · 1 x expansion bay (shown here with optional FleXi Port module)

Back View

Back View labels:
Connector for optional 2nd external power supply · Power supply
Connector for optional PoE Power · HDMI · 1 x USB 3.0 · Power switch

Environment

Power consumption	XG 310: 32W, 109 BTU/hr (idle) 49W, 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

Certifications	CB, UL, CE, FCC Class A, ISED, VCCI, RCM, CCC BIS (planned), MSIP/KCC (planned)

Physical interfaces

Storage (local quarantine/logs)	integrated SSD
Ethernet interfaces (fixed)	8 GE copper (incl. 2 bypass pairs) 2 GE SFP* 2 10 GE SFP+*
No. of FleXi Port slots	1
FleXi Port modules (optional)	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+* 4 port 10 GE SFP+* 2 port 40 GE QSFP+* 4 port GE PoE 8 port GE PoE 4 port GE copper LAN bypass
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

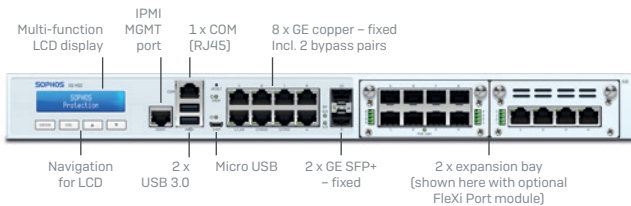|	
Mounting	1U rack mount (2 rackmount ears included)
Dimensions Width x Depth x Height	438 x 405.5 x 44mm 17.24 x 15.96 x 1.75 inches
Weight	5.8 kg / 12.78 lbs (unpacked) 8.8 kg / 19.4 lbs (packed)

* Transceivers (mini GBICs) sold separately

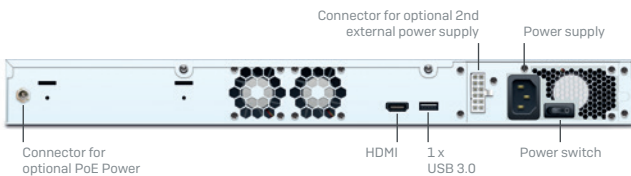# Sophos XG Series Rackmount Appliances:
XG 430, XG 450

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 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.

Front View

Multi-function LCD display | IPMI MGMT port | 1 x COM (RJ45) | 8 x GE copper – fixed Incl. 2 bypass pairs

Navigation for LCD | 2 x USB 3.0 | Micro USB | 2 x GE SFP+ – fixed | 2 x expansion bay (shown here with optional FleXi Port module)

Back View XG 430

Connector for optional 2nd external power supply | Power supply

Connector for optional PoE Power | HDMI | 1 x USB 3.0 | Power switch

Back View XG 450

Power switch | Power supply

Connector for optional PoE Power | HDMI | 1 x USB 3.0 | Space for optional 2nd hot swappable power supply

Environment

Power consumption	XG 430: 28W, 96 BTU/hr (idle) 79W, 270 BTU/hr (full load) XG 450: 31W, 107 BTU/hr (idle) 83W, 283 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 BIS (planned), MSIP/KCC (planned)

Performance[1]

Performance[1]	XG 430 Rev. 2	XG 450 Rev. 2
Firewall throughput	41 Gbps	50 Gbps
Firewall IMIX	14.5 Gbps	17.5 Gbps
VPN throughput	4.8 Gbps	5.5 Gbps
IPS throughput	9 Gbps	10 Gbps
NGFW (IPS + App Ctrl) max.	6 Gbps	7.5 Gbps
Antivirus throughput (proxy)	6.5 Gbps	7 Gbps
Concurrent connections	20,000,000	20,000,000
New connections/sec	200,000	200,000
Maximum licensed users	unrestricted	

Physical interfaces

Physical interfaces		
Storage (local quarantine/logs)	integrated SSD	2 x integrated SSD
Ethernet interfaces (fixed)	8 GE copper (incl. 2 bypass pairs) 2 10 GE SFP+*	
No. of FleXi Port slots	2	
FleXi Port modules (optional)	8 port GE copper 8 port GE SFP* 2 port 10 GE SFP+* 4 port 10 GE SFP+* 2 port 40 GE QSFP+* 4 port GE PoE 8 port GE PoE 4 port GE copper LAN bypass	
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 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

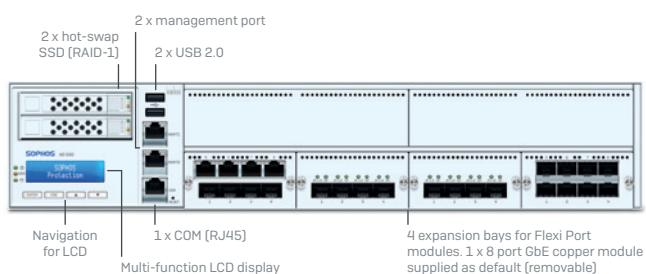| Mounting	1U rackmount (sliding rails incl.)	
Dimensions Width x Depth x Height	438 x 507.7 x 44mm 17.24 x 19.99 x 1.75 inches	
Weight	7.6 kg / 16.76 lbs (unpacked) 13.7 kg / 30.2 lbs (packed)	7.8 kg / 17.2 lbs (unpacked) 14.8 kg / 32.63 lbs (packed)

* Transceivers (mini GBICs) sold separately

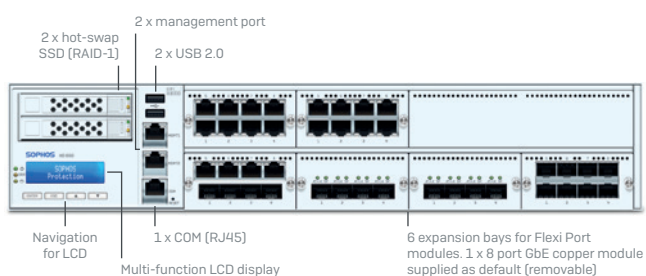# Sophos XG Series Rackmount Appliances:

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 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.

Front View XG 550

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

Front View XG 650

2 x hot-swap SSD (RAID-1)
2 x management port
2 x USB 2.0
Navigation for LCD
1 x COM (RJ45)
Multi-function LCD display
6 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

Performance[1]	XG 550 Rev. 2	XG 650 Rev. 2
Firewall throughput	65 Gbps	85 Gbps
Firewall IMIX	23 Gbps	28 Gbps
VPN throughput	8.4 Gbps	9 Gbps
IPS throughput	17 Gbps	20 Gbps
NGFW (IPS + App Ctrl + WebFilter) max.	9 Gbps	10 Gbps
Antivirus throughput (proxy)	10 Gbps	13 Gbps
Concurrent connections	30,000,000	
New connections/sec	220,000	240,000
Maximum licensed users	unrestricted	

Physical interfaces		
Storage (local quarantine/logs)	2 x integrated hot-swap SSD (RAID)	
Ethernet interfaces (removable)	8 GE copper	
No. of FleXi Port slots	4	6
FleXi Port modules (optional)	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	
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 internal auto-ranging 100-240VAC, 50-60 Hz PSU	

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

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

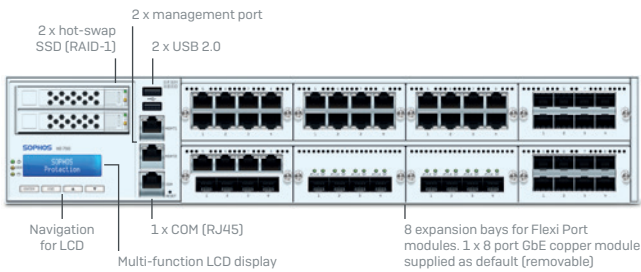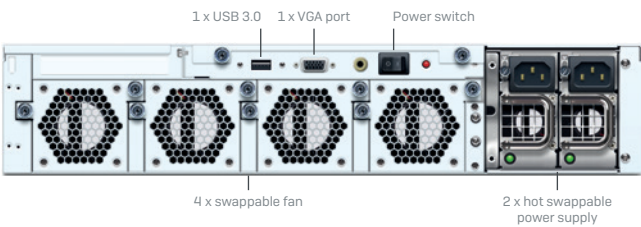| Product Certifications	
Certifications	CE, UL, FCC, ISED, CCC, VCCI, RCM, BIS (CRS)

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

2 x hot-swap SSD (RAID-1)
2 x management port
2 x USB 2.0

Navigation for LCD
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	CE, UL, FCC, ISED, CCC, VCCI, RCM, BIS (CRS)

Performance[1]

Performance[1]	XG 750 Rev. 2
Firewall throughput	100 Gbps
Firewall IMIX	33.5 Gbps
VPN throughput	11 Gbps
IPS throughput	22 Gbps
NGFW (IPS + App Ctrl + WebFilter) max.	11.8 Gbps
Antivirus throughput (proxy)	17 Gbps
Concurrent connections	30,000,000
New connections/sec	300,000
Maximum licensed users	unrestricted

Physical interfaces

Storage (local quarantine/logs)	2 x integrated hot-swap SSD (RAID)
Ethernet interfaces (removable)	8 GE copper
No. of FleXi Port slots	8
FleXi Port modules (optional)	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
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)
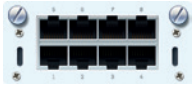
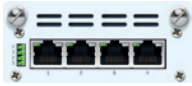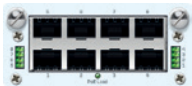* Transceivers (mini GBICs) sold separately

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
8 port GbE copper FleXi Port module (for SG/XG 2xx/3xx/4xx only)	8 port GbE copper FleXi Port module (for XG 750 and SG/XG 550/650 Rev.2 only)
8 port GbE SFP FleXi Port module (for SG/XG 2xx/3xx/4xx only)	8 port GbE SFP FleXi Port module (for XG 750 and SG/XG 550/650 Rev.2 only)
2 port 10 GbE SFP+ FleXi Port module (for SG/XG 2xx/3xx/4xx only)	2 port 10 GbE SFP+ FleXi Port module (for XG 750 and SG/XG 550/650 Rev.2 only)
4 port 10 GbE SFP+ FleXi Port module (for SG/XG 2xx/3xx/4xx only)	4 port 10 GbE SFP+ FleXi Port module (for XG 750 and SG/XG 550/650 Rev.2 only)
2 port 40 GbE QSFP+ (for SG/XG 210 Rev.3 and SG/XG 230, 3xx and 4xx Rev.2 only)	4 port GbE SFP plus 4 port GbE copper LAN bypass FleXi port module (for XG 750 and XG 550/650 Rev.2 only)
4 port 1GE copper PoE (for SG/XG 210 Rev.3 and SG/XG 230, 3xx and 4xx Rev.2 only)	
8 port 1GE copper PoE (for SG/XG 210 Rev.3 and SG/XG 230, 3xx and 4xx Rev.2 only)	
4 port GbE copper LAN Bypass FleXi Port module (for XG 2xx/3xx/4xx only)	

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. Find out more.

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.

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.

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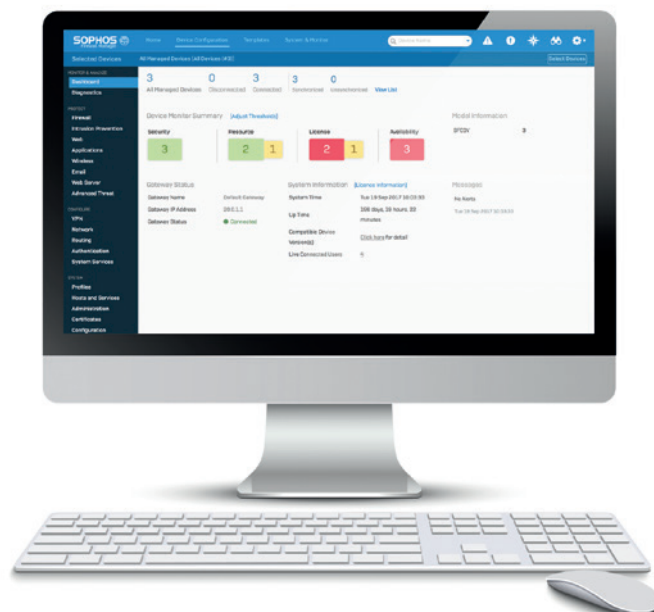
Security intelligence
Identify potential network issues and possible attacks anywhere across your network.

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.

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/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

[1] General: Max. throughput measured under ideal test conditions using SF-OS 16.5 with App-classification disabled using industry standard Spirent /Avalanche performance test and Ixia test tools. Actual performance may vary depending on network conditions and activated services.
‣ FW: UDP throughput based on RFC 2544 using 1518 Byte packet size.
‣ FW IMIX: UDP throughput based on a combination of 48 bytes, 576 bytes and 1518 bytes packet sizes.
‣ IPS/NGFW: HTTP throughput using default IPS ruleset and 512KB object size (NGFW: with AppCtrl enabled)
‣ VPN: HTTP throughput using multiple tunnels and 512KB HTTP response size
‣ AV: HTTP throughput using Web proxy and 200KB response size

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SOPHOS