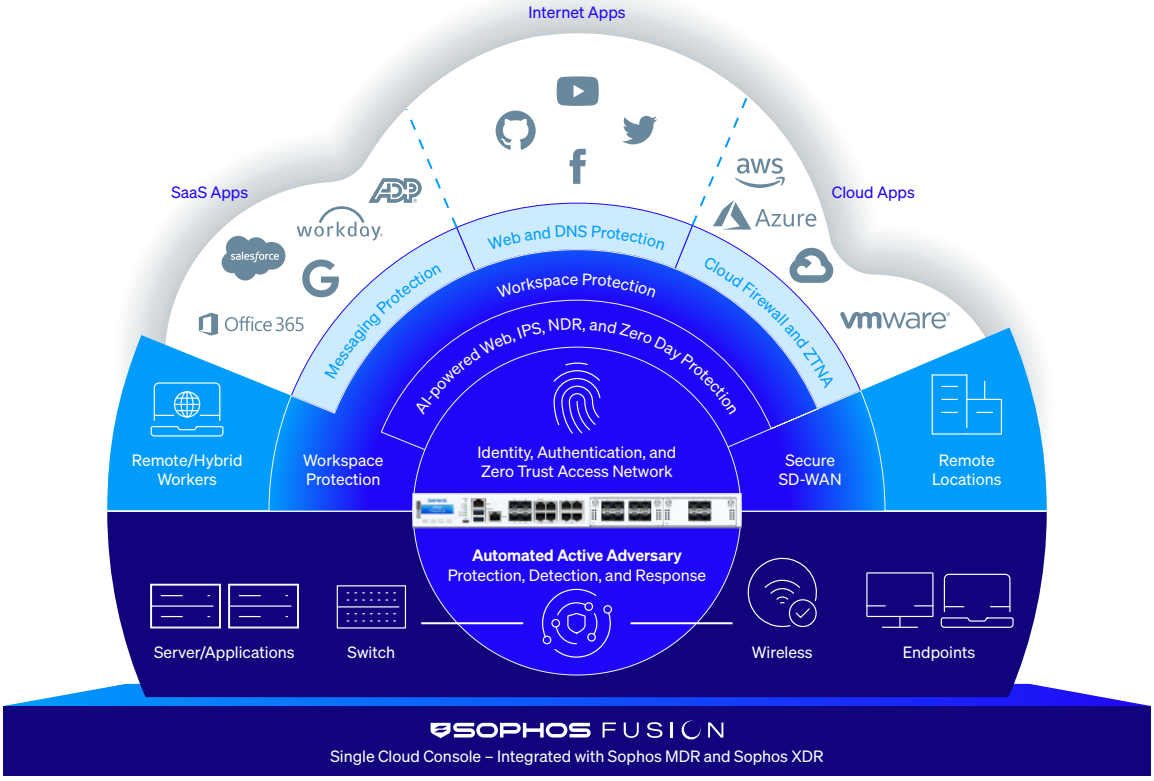
SOPHOS

Sophos Firewall

Much more than a firewall

Sophos Firewall and XGS Series appliances are at the heart of the world's best network security platform. Consolidate your network protection with our integrated and extensible system to secure your hybrid networked world.



Powerful protection and performance

Sophos Firewall includes the latest advanced protection technologies and threat intelligence, including:

- Streaming DPI engine with web protection and IPS
- Accelerated TLS 1.3 encrypted traffic inspection
- Zero-day AI and machine learning analysis
- Real-time cloud sandboxing
- DNS Protection
- Network Detection and Response

The best part is, you don't need to compromise on performance. This is thanks to our programmable Xstream architecture. It offloads benign traffic flows and crypto operations as well as VPN and select application routing to accelerate these network traffic flows and create performance headroom for traffic that actually needs deep packet inspection.

Sophos Firewall leverages Sophos Fusion to ensure that your organization is protected from the latest threats and further maximize your performance. You get the latest AI and machine learning technology from SophosLabs working to identify previously unseen threats and malicious URLs. Using the unified context lake, any new threat attacking a single Sophos customer is instantly shared across all our customers, blocking it everywhere. In addition, offloading this analysis from your firewall to the cloud boosts your performance even further.

Secure by Design

Network infrastructure, such as firewalls, that are exposed to the Internet are increasingly targeted by attackers as a potential entry point to launch further attacks on your network. Attackers are ruthless in exploiting unpatched vulnerabilities, misconfigurations, and weak or stolen credentials to compromise your device.

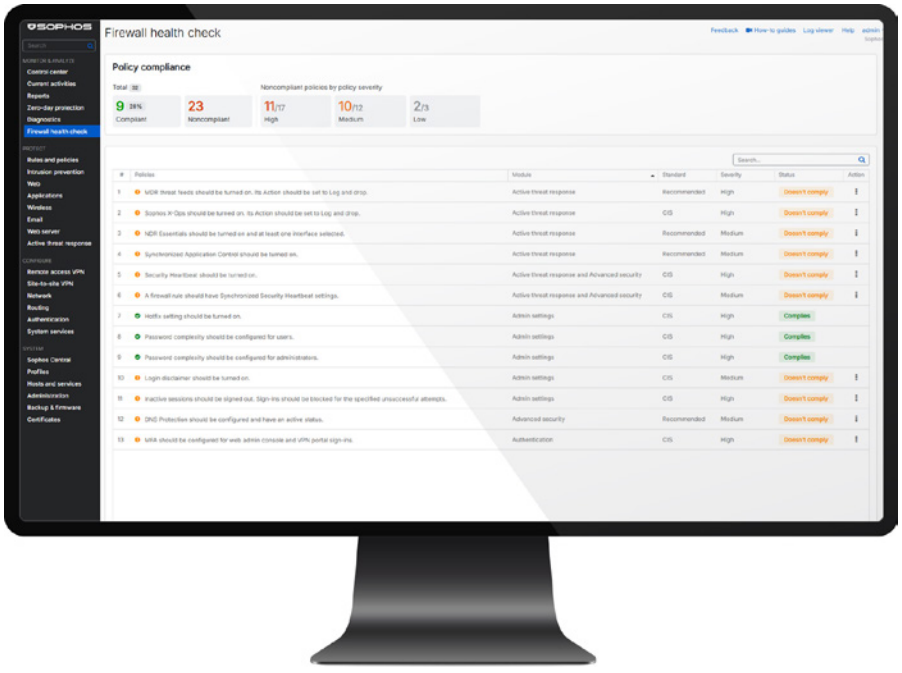
At Sophos, we take your security seriously. We support and embrace the principles of Secure by Design as outlined by the Cybersecurity & Infrastructure Security Agency (CISA), which prioritizes the security of customers as a core requirement.

Sophos Firewall offers many unique capabilities that make it a much harder target for attackers and much easier for you to optimize your security posture.

For example, Sophos Firewall is the only firewall on the market that supports automated, over-the-air hotfixes for important security patches that require zero downtime. You also get a unique Health Check feature that evaluates dozens of configuration elements of your firewall against best practices, enabling you to quickly and easily address areas of risk. We are also the only vendor that continuously monitors our entire install base of customer firewalls for signs of an attack.

What makes Sophos Firewall Secure by Design?

- Hardening across many elements of the Firewall, including the kernel and user portals. Containerization and isolation of trust boundaries also help mitigate attacks.
- The built-in health check identifies misconfigurations and areas of risk, enabling you to easily and quickly bolster your security posture.
- Automatic patches for important security updates are applied without having to schedule downtime.
- Remote monitoring in real-time with an integrated Linux XDR sensor allows Sophos security teams to identify and respond to customer attacks quickly and efficiently.
- Robust device access controls and multi-factor authentication eliminate the risk of unauthorized access through compromised credentials or brute force attacks.
- Secure updates via SSL and certificate pinning ensure the authenticity of firmware updates so they cannot be compromised.
- Sensitive data in backups has a second layer of encryption using the Secure Storage Master Key (SSMK).



Sophos Firewall health check

Active threat response

Sophos Firewall uniquely integrates with many Sophos products to automatically coordinate a response to an active adversary or attack:

- Sophos Endpoint and XDR
- Sophos Managed Detection and Response services
- Sophos switches and wireless access points
- Sophos ZTNA remote access
- Sophos messaging protection
- Sophos NDR
- And third-party threat intelligence solutions

Regardless of how the threat is first identified, whether at the firewall, by another product, or by a security analyst, Sophos Firewall coordinates a Synchronized Security response across Sophos products. It will identify and isolate the compromised host and prevent lateral movement and external communications until the threat can be investigated and cleaned up.

Sophos Synchronized Security integration between products also provides additional capabilities you can't get anywhere else that add tremendous value to your network:

- Synchronized Application Control takes advantage of telemetry gathered by the endpoint about active, networked applications and shares that with the firewall, enabling control of applications that might otherwise go unidentified.
- Synchronized User ID works similarly to share user identity between the endpoint agent and the firewall to enforce user-based policies without the need for a separate client or server identity solution.
- Synchronized SD-WAN leverages Synchronized Application Control for traffic matching operations to effectively route custom or otherwise unknown application traffic across your network.

Work from anywhere

Sophos Firewall offers the ultimate in flexible connectivity and secure access. You get a fully integrated SD-WAN solution, a full suite of secure access products for Zero Trust Network Access, SD-RED edge devices, VPN, switching, and wireless, and the option to add an easy and affordable Workspace Protection solution for your remote and hybrid workers — all managed from Sophos Fusion.

Securing and managing remote and hybrid workers has never been easier or more affordable, thanks to Sophos Workspace Protection and the ZTNA gateway integrated into the firewall. With Sophos Workspace Protection, you can easily extend your protection to your apps, data, workers, and guests with:

- Sophos Protected Browser, which provides a hardened Chromium browser with an integrated ZTNA client, Secure Web Gateway (SWG), SaaS app controls, and data boundary controls
- Sophos ZTNA, which enables access to only those apps that users need while making them invisible to everyone else, and a gateway is built into every Sophos Firewall
- Sophos DNS Protection for endpoints, which provides an added layer of web protection for roaming endpoints
- Sophos Email Monitoring System, for added insights into email threats and attacks other solutions miss.

Sophos Firewall also includes one of the best integrated SD-WAN solutions available in any firewall. Xstream SD-WAN provides a powerful integrated SD-WAN solution with:

- Performance-based link selection and routing
- Load balancing with configurable weightings across multiple links
- Zero-impact transitions between links in the event of a disruption
- Sophos Fusion cloud-managed orchestration
- Xstream FastPath acceleration of VPN tunnel traffic

Sophos Firewall makes interconnecting your hybrid distributed enterprise easy and makes it extremely robust, ensuring maximum reliability and uptime.

Single console management

With Sophos Fusion, you get a single cloud management console for all your Sophos products, including rich and powerful tools for group firewall management, SD-WAN overlay network orchestration, ZTNA and user management, and infrastructure management for your switches and wireless access points. You also get full in-depth dashboards and reports, cross-product integration and automation with other Sophos products, and much more. Sophos Firewall is so much more than just a firewall – consolidate and streamline your network security management, starting with your firewall.

- Manage all of your Sophos Firewalls and other Sophos products from a single console
- Configure changes and apply them to a group of firewalls or manage each firewall individually
- Create a backup schedule and store up to five securely encrypted backups in the cloud
- Schedule firmware updates across your entire network with just a few clicks
- Use zero-touch deployment for new firewalls from Sophos Fusion: just drop ship the device to any location and set it up remotely. A USB drive is no longer required (but can still be used if you prefer).

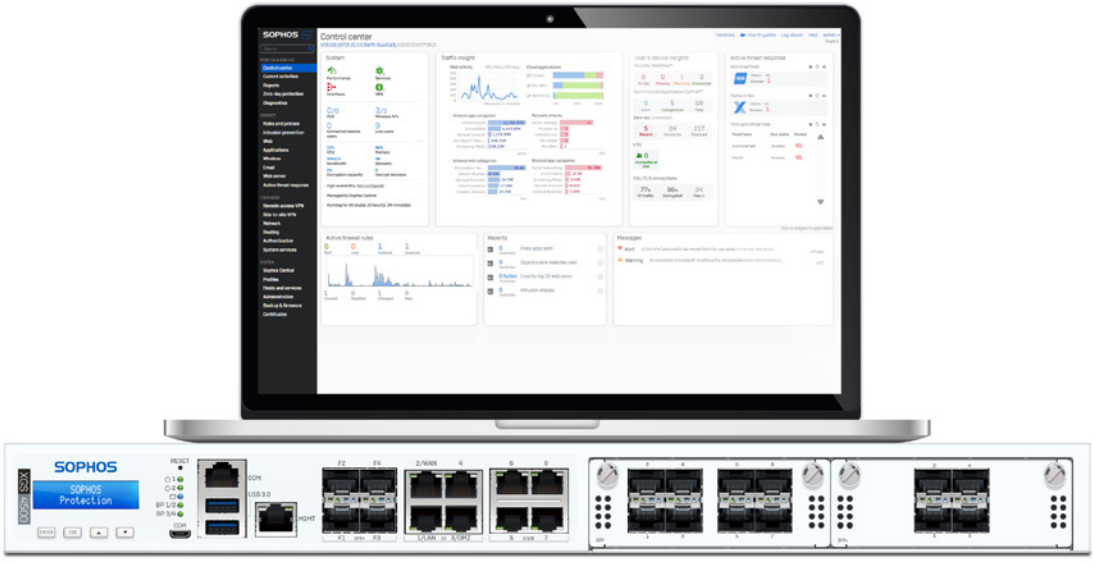
Central Management is included with all protection bundles, support, or any individual subscriptions (excludes the Base License). Customers with a Base License only must add support (or any other subscription) for access to Sophos Fusion management and the 7-day allocation of Central Firewall Reporting. Support is also required to receive firmware updates and full access to customer support.

Sophos Fusion also includes powerful reporting and orchestration tools that enable you to visualize your network, web, application activity, and security over time:

- Flexible reporting combines a variety of built-in reports with powerful tools that you can use to create your own custom reports
- Analyze data to identify security gaps, suspicious user behavior, or other events requiring policy changes
- Data is shared across Sophos products through the Sophos unified context lake for threat hunting, forensics, and automated response to active threats
- Utilize point-and-click SD-WAN orchestration to easily set up a fully redundant VPN overlay network for your hybrid distributed network
- Central reporting is available at no extra cost with storage of up to seven days of reporting data for all customers with a protection bundle, individual subscription (except the Base License), or support.

Central Orchestration and Central Reporting with up to 30 days* of data retention are included at no extra charge in the Xstream Protection bundle. Premium reporting options with longer data retention are available for optional purchase.

* Calculated based on average traffic volumes per appliance size. In high-traffic environments, the retention period can be lower.



Learn more about Sophos Fusion at sophos.com/firewall-fusion

Xstream Protection: A single bundle for ultimate protection

All the next-gen protection, performance, and value you need to power even the most demanding networks. Appliance bundles are also available in some regions.

Base License* (required) - included with your appliance purchase (hardware, virtual, software, cloud)

- **Networking and SD-WAN:** Wireless (built-in Wi-Fi/APX management only), SD-WAN, traffic shaping
- **Protection and Performance:** Xstream architecture with Network Flow FastPath, TLS 1.3 inspection, deep packet inspection
- **SD-WAN and VPN:** Xstream SD-WAN, IPsec/SSL site-to-site and remote access VPN (unlimited), SD-RED site-to-site
- **Reporting:** Historical on-box logging and reporting (during the active lifecycle of your appliance)

* Customers with a Base License only must add support, an individual subscription, or a subscription bundle to access Sophos Fusion management and the 7-day allocation of Central Firewall Reporting. A valid support subscription is also required to receive firmware updates and access customer support.

Xstream Protection

Network Protection

- **Xstream TLS inspection:** TLS 1.3
- **Xstream DPI engine:** Streaming deep packet inspection
- **IPS:** Next-gen intrusion prevention
- **Active Threat Response:** Sophos X-Ops threat feeds
- **Synchronized Security:** Automatically identify and isolate threats
- **Clientless VPN:** HTML5
- **SD-RED VPN:** Manage SD-RED devices
- **Reporting:** Extensive network and threat reporting

Web Protection

- **Xstream TLS inspection:** TLS 1.3
- **Xstream DPI engine:** Streaming deep packet inspection
- **Web Control:** By user, group, category, URL, keyword
- **Web Protection:** from the latest threats
- **App Control:** By user, group, category, risk, and more
- **Synchronized App Control:** Identify unknown apps
- **Synchronized SD-WAN:** Route unknown apps
- **Reporting:** Extensive web and app reporting

Zero-Day Protection

- **Xstream TLS inspection:** TLS 1.3
- **Xstream DPI engine:** Streaming deep packet inspection
- **Zero-day threat protection:** ML and Sandboxing analysis of files
- **Machine learning:** Using multiple deep learning models
- **Cloud sandboxing:** Dynamic run-time analysis of unknown files
- **Reporting:** Extensive threat intelligence analysis reporting

DNS Protection and Xstream Protection Bundle-Only Features

- **Domain name resolution service:** Backed by SophosLabs and powered by AI to block malicious or unwanted URLs
- **Active Threat Response:** Active Threat Response: Sophos NDR Essentials, Sophos MDR/XDR, and third-party regional/vertical threat feeds

Central Management

- **Group firewall management:** synchronized policy and configuration, cloud backups and firmware update scheduling
- **Zero-touch deployment:** for new firewalls from the cloud
- **ZTNA Gateway:** for secure application access

Central Orchestration

- **SD-WAN orchestration:** Point-and-click site-to-site VPN orchestration
- **Cloud firewall reporting:** Multi-firewall reporting, save, schedule and export reports (30-day data retention)
- **XDR and MDR connector:** Support for XDR and MDR services

Enhanced Support - Required to receive firmware updates and full access to customer support

All Licensing options

We recommend the Xstream Protection bundle for the ultimate in security. If you prefer to customize your protection, subscriptions are also available for individual purchase.

Base License (required) - included with your appliance purchase (hardware, virtual, software, cloud)	
Base License	Networking, wireless, Xstream architecture, unlimited remote access VPN, site-to-site VPN, reporting

Xstream Protection Bundle:	
Network Protection	Xstream TLS/DPI, IPS, Active Threat Response with Sophos X-Ops threat feeds, Heartbeat, SD-RED, reporting
Web Protection	Xstream TLS and DPI engine, web security and control, application control, reporting
Zero-Day Protection	Machine learning and sandboxing file analysis, reporting
Central Orchestration	SD-WAN VPN orchestration, Central Firewall Advanced Reporting (30-days), MDR/XDR data lake connector
DNS Protection (not sold separately)	Cloud-based DNS service for web security and compliance
Bundle-only Features (not sold separately)	Active Threat Response with MDR/XDR threat feeds and third-party threat feeds, NDR Essentials
Enhanced Support	24/7 support access, firmware and feature updates, advanced replacement hardware warranty for term

Custom protection: You can choose the Standard Protection bundle or purchase modules separately.

Standard Protection Bundle:	
Network Protection	Xstream TLS and DPI engine, IPS, ATP, Security Heartbeat, manage SD-RED, reporting
Web Protection	Xstream TLS and DPI engine, web security and control, application control, reporting
Enhanced Support	24/7 support, firmware and feature updates, advanced replacement hardware warranty for term

Additional Protection Modules:	
Email Protection	On-box anti-spam, AV, DLP, encryption
Web Server Protection	Web Application Firewall

Sophos centralized management and reporting:

Sophos Centralized Management and Reporting (Included with any bundle, support, or protection subscription*)	
Central Management	Group firewall management, backup management, firmware update scheduling, ZTNA Gateway
Central Firewall Reporting	Pre-packaged and custom report tools, with seven days cloud storage for no extra charge (see other options)

* Except the Base License

Additional protection:

Additional Protection Services, Products, and Modules:	
Managed Detection and Response	24/7 threat hunting, detection, and response delivered by an expert team (more info)
Sophos Intercept X Endpoint with XDR	Sophos Fusion managed next-gen endpoint protection with EDR (more info)
Workspace Protection	Secures your apps, data, and remote/ hybrid workers and guests (more info)
Sophos Email	Sophos Fusion managed antispam, AV, DLP, encryption (more info)
Sophos Switch	Cloud-managed access layer switches (more info)
Sophos Wireless	Scalable, cloud-managed Wi-Fi (more info)

Support: A support subscription is required to receive firmware upgrades. Enhanced support is included in all protection bundles, but you can upgrade to enhance your support experience further.

Additional Support Options:	
Enhanced Plus Support Upgrade	Upgrade your support with VIP support, hardware warranty for add-ons, TAM option (extra cost) In Active/Passive HA scenarios, Enhanced Plus support is required on the primary device to be eligible for Advanced RMA on the passive device

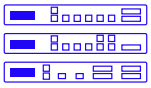
Cloud, virtual, and software application licensing options: If you're deploying Sophos Firewall in the cloud, in a virtual environment, or as software on your own hardware, the licensing guide below can help you find the right option.

Model	Equivalent AWS instance	Equivalent Azure VM	Software/Virtual License*
XGS 88(w)/87(w)	t3.medium	-	2 cores
XGS 108(w)/107(w)	c5.large	Standard_ F2s_v2	-
XGS 118(w)/116(w)	-	-	4 cores
XGS 2100	c5.xlarge	-	-
XGS 2300	m5.xlarge	Standard_ F4s_v2	6 cores
XGS 3100	c5.2xlarge	Standard_ F8s_v2	8 cores
XGS 4300	c5.4xlarge	Standard_ F16s_v2	16 cores
XGS 5500	c5.9xlarge	Standard_ F32s_v2	Unlimited

* Based upon CPU cores

For a complete list of features included in each protection subscription, see the Sophos Firewall Feature List.

Deployment options

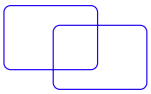


XGS Series

Purpose-built devices to provide the ultimate in performance.

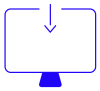
AWS/Azure

Protect your network infrastructure in the AWS or Azure cloud.



Virtual

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



Software

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

Cloud

Sophos Firewall offers the best network visibility, protection, and response capabilities to secure your public, private, and hybrid cloud environments.

As an AWS Advanced Technology Partner, Sophos is a validated AWS Security Competency vendor, AWS Marketplace seller, and AWS Public Sector Partner (PSP).

Sophos Firewall is now available in the AWS Marketplace, with auto-scaling support with either a pay-as-you-go (PAYG) license model or bring your own license (BYOL) to best fit your needs.

Sophos Firewall is certified and optimized for Azure and is available in the Microsoft Azure Marketplace. Take advantage of the free test drive or the flexible PAYG or BYOL licensing options.

Sophos Firewall is Nutanix AHV and Nutanix Flow Ready, bringing the world's best next-gen firewall visibility, protection, and response to the industry's leading hyper-converged infrastructure (HCI) platform. Take advantage of a 30-day free trial using our KVM image and flexible licensing.

Virtual and software

Sophos Firewall supports a broad range of virtualization platforms and can also be deployed as a software appliance on your own x86 Intel hardware.

See the Licensing section for available licensing options.

When ordering any deployment type, you must order the virtual/physical appliance with the Base License, plus the required subscriptions or subscription bundle. Support is required for firmware updates and customer support access.

Protection modules

You can choose from a number of modules to customize the protection offered by your firewall to your individual needs and deployment scenario.

Base License (required)

The Base License includes the Xstream architecture, networking, wireless, SD-WAN, VPN, and reporting. It is included in your appliance purchase.

Xstream architecture
Enables high-performance TLS 1.3 inspection, deep packet inspection, and network flow FastPath to accelerate trusted SaaS, SD-WAN, and cloud application traffic. Note that Network and Web Protection are required to get the full benefits of the Xstream architecture.

Xstream SD-WAN and networking
Includes all networking, routing, and SD-WAN capabilities, including zone-based stateful firewall, NAT, VLAN, SD-WAN profiles, performance-based WAN link selection and monitoring, load balancing, zero-impact WAN link transitions, and Xstream FastPath acceleration of trusted application traffic, IPsec VPN traffic, and TLS-encrypted traffic flows.

Secure Wireless
Built-in wireless controller for Sophos APX Wi-Fi 5 access points (no longer sold). Plug-and-play access point discovery makes setup easy. Support for multiple SSIDs, hotspots, guest networks, and diverse encryption and security standards.

Wi-Fi 6/6E support is available using our separate, cloud-managed Wi-Fi solution.

VPN
Provides standards-based site-to-site and remote access VPN (free up to the capacity of the firewall), with support for IPsec and SSL. Sophos Connect remote access VPN client for Windows and Macs offers seamless and easy deployment and configuration options. SD-RED layer 2 site-to-site tunnels offer a lightweight, robust VPN alternative.

Reporting *(only included for customers with a valid support contract or other individual subscription)*
Extensive on-box reporting provides valuable insights into threats, users, applications, web activity, and much more. Note that specific reporting functionality may be dependent on other protection modules to get the full benefits (for example, web protection or web and app reports).

The Base Firewall is included with every appliance purchase and is required for all deployments.

*** Note:** Customers with a Base License only must add support or another individual subscription for access to Sophos Fusion management and the 7-day allocation of Central Firewall Reporting. Support is also required to receive firmware updates and full access to customer support.

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.

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

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.

Advanced VPN technologies
Adds unique and simple VPN technologies, including our clientless HTML5 self-service portal that makes remote access incredibly simple, plus management for our exclusive lightweight and secure SD-RED VPN technology.

Network Protection is included in the Xstream and Standard Protection bundles and is also available for separate purchase.

If purchased individually, support is also required to receive firmware updates and full access to customer support.

Web Protection

Unmatched visibility and control over all of your users' web and application activity.

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 on uploaded web keywords indicating inappropriate use or behavior.

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. Synchronized Application Control automatically identifies all unknown, evasive, and custom applications on your network.

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 traffic scanning
Optimized for top performance, our Xstream SSL inspection provides ultra-low latency inspection and HTTPS scanning while maintaining performance.

Web Protection is included in the Xstream and Standard Protection bundles and is also available for separate purchase.*

DNS Protection

Cloud-based DNS service for added web security and compliance.

High-performance domain-level protection
Sophos DNS Protection is a cloud-based service providing DNS resolution and an added layer of web security to your networks. It works instantly to block access to unsafe and unwanted domains across all ports, protocols, and applications from both managed and unmanaged devices.

Integrated Compliance Controls
Easily add an additional layer of compliance controls to your network to block access to common unwanted site categories across your entire network.

Powered by AI
Sophos DNS Protection is continually updated by SophosLabs using the latest in AI analysis to identify malicious and unwanted sites which are shared across all customers in real-time as soon as they are discovered.

DNS Protection is included in the Xstream Protection bundle and is not available for separate purchase.*

Zero-Day Protection

AI-driven static and dynamic file analysis techniques combine to bring unprecedented threat intelligence to your firewall and effectively identify and block ransomware and other known and unknown threats.

Powered by SophosLabs
Powered by the industry-leading SophosLabs, the Zero-Day Protection subscription includes a fully cloud-based threat intelligence and threat analysis platform. This provides deep learning-based file analysis, detailed analysis reporting, and a threat meter to show the risk summary for a file.

We use layers of analytics to identify known and potential threats, reduce unknowns, and derive verdicts and intelligence reports for the most commonly used file types.

Static file analysis
By harnessing the power of multiple machine learning models, global reputation, deep file scanning, and more, you can quickly identify threats without the need to execute files in real time.

Dynamic file analysis
Execute a file in a secure cloud-based sandbox to observe its behavior and intent. Screenshots provide added insights into any key events during the analysis.

Threat intelligence analysis reporting
Rich intelligence reports provide you with more than just a "good," "bad," or "unknown" verdict. Full insight into the nature and capabilities of a threat is delivered through the use of data science and SophosLabs research.

Zero-Day Protection is included in the Xstream Protection bundle and is also available for separate purchase.*

NDR Essentials

Cloud-based network detection and response

Detect Active Threats
Sophos NDR Essentials is a cloud-based network detection and response solution that identifies active threats using encrypted communications without using TLS inspection. It also detects evasive malware attempting to access web URLs using domain generation algorithms. This provides unique threat detection capabilities to Sophos Firewall that you won't find anywhere else.

NDR Essentials is included in the Xstream Protection bundle and is not available for separate purchase.

* **Note:** If purchased individually, support is also required to receive firmware updates and full access to customer support.

Central Orchestration

Sophos Fusion cloud-managed VPN orchestration, firewall reporting, and MDR/XDR integration.

Sophos Fusion SD-WAN orchestration
Makes VPN orchestration easy. Wizard-based tunnel configuration helps create full mesh networks, hub-and-spoke models, or complex tunnel setups between multiple firewalls a quick point-and-click exercise. Seamlessly integrates multiple WAN link and SD-WAN functionality and routing optimizations to improve resilience performance. Also integrates with user authentication and Security Heartbeat to control access.

Central Firewall Reporting Advanced (30 Days)
Cloud-based reporting with several pre-packaged common reports for threats, compliance, and user activity. Includes advanced options for creating custom reports and views with the option to save, schedule, or export your custom reports. Includes 30 days of log data retention with the option to add additional storage for more comprehensive historical reporting requirements.

MDR/XDR connector
Sophos MDR provides optional 24/7 threat hunting, detection, and response delivered by an expert team as a fully managed service. Sophos XDR offers extended detection and response managed by your team.

Regardless of whether you manage it yourself or Sophos manages it for you, your Sophos Firewall is ready to share the necessary threat intelligence and data to the cloud.

Central Orchestration is included in the Xstream Protection bundle and is available for separate purchase.*

Zero Trust Network Access

Provide secure remote access to applications and systems behind your firewall.

Integrated ZTNA gateway
Sophos Firewall provides an integrated Sophos ZTNA gateway at no extra cost. This simplifies ZTNA deployments by eliminating the need for a separate VM gateway, making deployments faster and easier. Sophos ZTNA is the ultimate remote access VPN replacement, providing better security, easier management, and a transparent user experience.

ZTNA gateways are available at no extra cost. User-based client licenses for ZTNA are sold separately.

* For any subscription purchased individually, support is also required to receive firmware updates and full access to customer support.

Email Protection

Consolidate your email protection with anti-spam, DLP, and encryption. We recommend Sophos Email or Sophos Email Plus for the best cloud-based email protection solution. If you require on-box email protection, this module offers essential anti-spam, DLP, and encryption.

Integrated message transfer agent
Ensures always-on business continuity for your email, allowing the firewall to automatically queue mail in the event that 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 emails 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.

Email Protection is available for individual purchase only.*

Web Server Protection

Harden your web servers and business applications against hacking attempts and provide secure access.

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
Offers 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
Authentication options, SSL offloading, and server load balancing ensure maximum protection and performance for your servers being accessed from the internet.

Web Server Protection is available for individual purchase only.*

Sophos XGS Series appliances

The XGS Series models offer excellent performance and connectivity at every price point to power the protection you need for today's diverse, distributed, and encrypted networks.

Product Matrix

Model		Tech Specs			Throughput			
Model	Form Factor	Ports/Slots (Max Ports)	w-model	Swappable Components	Firewall (Gbps)	IPsec VPN (Gbps)	Threat Protection (Gbps)	Xstream SSL/ TLS (Gbps)
XGS 88(w)	Gen.2 Desktop	4/- (4)	Wi-Fi 6	n/a	9.9	6.0	2.0	600 Mbps
XGS 108(w)		7/-(7)		Optional: 2nd power supply	12.5	8.2	2.5	800 Mbps
XGS 118(w)		10/1(10)		Optional: 2nd power supply, 5G module*	15.5	13.0	3.2	1.1
XGS 128(w)		10/1(10)			19.1	15.0	4.0	1.4
XGS 138		8/1(8)	n/a		19.1	6.6	4.7	1.7
XGS 2100	1U Short	10/1 (18)	n/a	Optional: external power supply	30.0	17.0	5.0	1.1
XGS 2300			n/a		39.0	20.5	5.5	1.4
XGS 3100		12/1 (20)	n/a		47.0	25.5	7.4	2.4
XGS 3300			n/a		58.0	31.1	10.0	3.1
XGS 4300	1U Long	12/2 (28)	n/a		75.0	62.5	25.2	8.0
XGS 4500			n/a	Optional: internal power supply	80.0	75.5	31.8	10.6
XGS 5500	2U	16/3 (48)	n/a	Built in: redundant power, SSDs, fans	100.0	92.5	46.0	13.5
XGS 6500		20/4 (68)	n/a		120.0	109.8	53.5	16.0
XGS 7500		22/4 (70)	n/a		160.0	117.0	70.0	19.5
XGS 8500			n/a		190.0	141.0	92.5	24.0

* Not available in Japan

Performance test methodology

General: Maximum throughput measured under ideal test conditions using industry-standard Keysight-Ixia BreakingPoint test tools. Actual performance may vary depending on network conditions and activated services

- **Firewall:** Measured using HTTP traffic and 512 KB response size.
- **Firewall IMIX:** UDP throughput based on a combination of 66 byte, 570 byte, and 1518 byte packet sizes.
- **IPS:** Measured with IPS with HTTP traffic using default IPS ruleset and 512 KB object size.
- **IPsec VPN:** HTTP throughput using multiple tunnels and 512 KB HTTP response size.
- **TLS Inspection:** Performance measured with IPS with HTTPS sessions and different cipher suites.
- **Threat Protection:** Measured with firewall, IPS, application control, and malware prevention enabled using Enterprise Traffic Mix.
- **NGFW:** Measured with IPS and application control enabled with HTTP traffic using default IPS ruleset and 512KB object size.

Need sizing help?

Sophos offers free sizing assistance and a firewall sizing tool for partners via the Partner Portal.

Sophos XGS Series Desktop: SMB and Branch Office

Our desktop appliances offer great value, performance, and efficiency for small businesses, retail outlets, and branch offices.

2nd Generation XGS Desktop

The 2nd generation XGS desktop models unlock a wealth of new features and high-speed connectivity options.

Product highlights

- **Accelerated performance:** up to double the throughput of Gen.1 models plus Xstream virtual FastPath acceleration for IPsec VPN (XGS 88 to XGS 128) in combination with SFOS v21 and higher
- **High-speed connectivity built in:** 2.5 GE interfaces on every model, two built-in 10 GE SFP+ interfaces on the XGS 138, Wi-Fi integrated models support Wi-Fi 6 (802.11ax) with concurrent use of the 2.4 and 5 GHz bands for better performance
- **Power and environment:** up to 50% lower power consumption, fanless XGS 88 and 108 models for whisper-quiet operation, optimized thermal design for XGS 118 and above, redundant power option for all XGS 1xx models
- **Optional connectivity:** new 5G module available exclusively for Gen.2 models for more cost-effective redundant connectivity
- **Streamlined hardware architecture:** the XGS 88 to XGS 128 models boast a new single-CPU architecture, while the XGS 138 has a refreshed dual-processor architecture

Available models

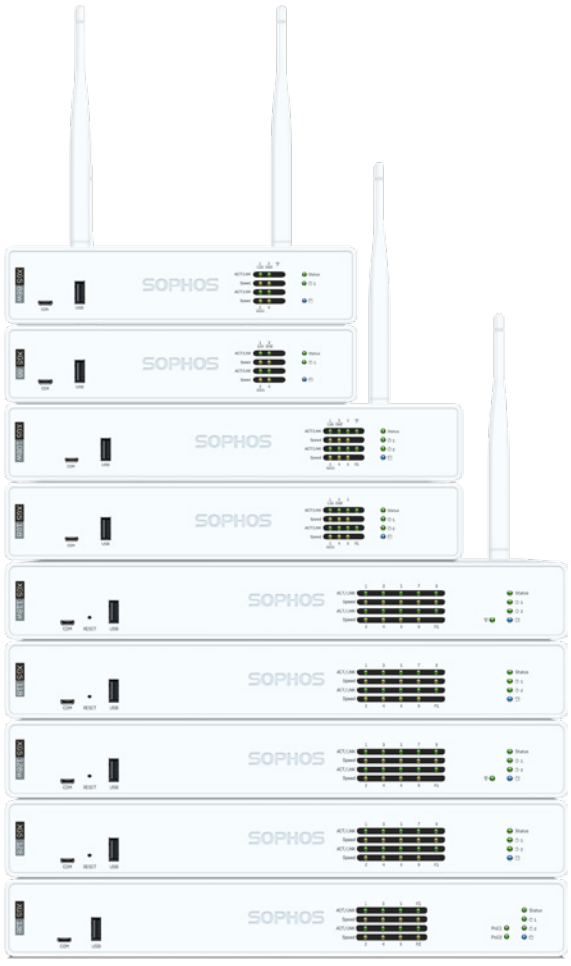
XGS 88 and XGS 88w
See detailed technical specifications

XGS 108, XGS 108w
See detailed technical specifications

XGS 118, XGS 118w
See detailed technical specifications

XGS 128, XGS 128w
See detailed technical specifications

XGS 138
See detailed technical specifications



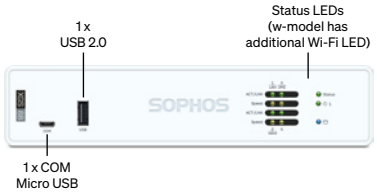
Note: All protection features are supported on every XGS 1xx model and most on XGS 88(w)

Sophos XGS Series Desktop: SMB and Branch Office Gen.2: XGS 88 and XGS 88w

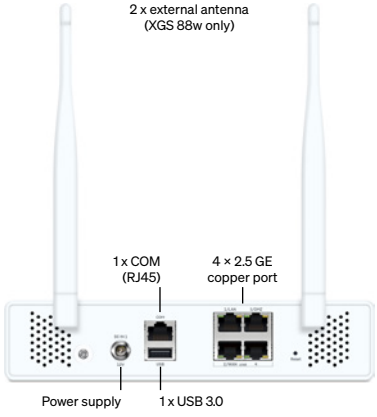
Technical specifications

Note: The XGS 88 and 88w 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 XGS 108(w) is recommended.

Front View



Back View



Physical Specifications	
Mounting	Rackmount kit available (to be ordered separately)
Dimensions: **Width X height X depth**	200 × 44 × 180 mm
Weight	1.4 kg/3.08 lbs (unpacked) 2 kg/4.41 lbs (packed) (w-model minimally more)

Environment	
Power supply	External auto-ranging AC-DC 100-240VAC, 1.7A@50-60 Hz 12VDC, 3.33A, 40W
Power consumption (typical)	12.5 W/42.65 BTU/hr (88 idle) 14.5 W/49.48 BTU/hr (88w idle) 18 W/61.42 BTU/hr (88 max.) 22 W/75.07 BTU/hr (88w max.)
Noise level (avg.)	0 dBA - fanless
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC

* XGS 88 only

Performance	XGS 88(w)
Firewall throughput	9.9 Gbps
Firewall IMIX	6.5 Gbps
IPS throughput	2 Gbps
Threat protection throughput	2 Gbps
NGFW	2 Gbps
Concurrent connections	1,600,000
New connections/sec	40,500
IPsec VPN throughput	6 Gbps
IPsec VPN concurrent tunnels	500
SSL VPN concurrent tunnels	500
Xstream SSL/TLS Inspection	600 Mbps
Xstream SSL/TLS concurrent connections	8,192

Note: For performance testing methodology, see page 10

Wireless Specification (XGS 88w only)	
No. of antennas	2 external
MIMO capabilities	2 × 2:2
Wireless interface	Wi-Fi 6 (802.11ax) 2.4 GHz/5 GHz concurrent

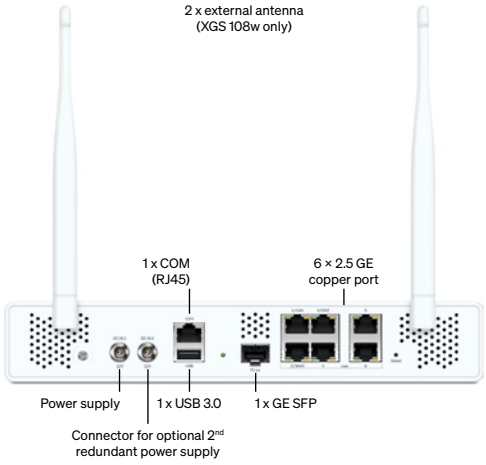
Physical Interfaces	
Storage	16 GB eMMC
Ethernet interfaces (fixed)	4 × 2.5 GE copper
Management ports	1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	1 x USB 2.0 (front) 1 x USB 3.0 (rear)
Number of expansion slots	0
Optional add-on connectivity	n/a

Sophos XGS Series Desktop: SMB and Branch Office Gen.2: XGS 108, XGS 108w

Technical specifications

Front View

Back View



Physical Specifications	
Mounting	Rackmount kit available (to be ordered separately)
Dimensions: **Width X height X depth**	260 × 44 × 180 mm
Weight	1.8 kg/3.97 lbs (unpacked) 2.4 kg/5.29 lbs (packed) (w-model minimally more)

Environment	
Power supply	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 5A, 60W Optional second redundant power supply
Power consumption	21.5 W/73.36 BTU/hr (108 idle) 25.5 W/87.01 BTU/hr (108w idle) 27 W/92.13 BTU/hr (108 max.) 30 W/102.36 BTU/hr (108w max.)
Noise level (avg.)	0 dBA - fanless
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC

* XGS 108 only

Performance	XGS 108(w)
Firewall throughput	12.5 Gbps
Firewall IMIX	8.1 Gbps
IPS throughput	2.5 Gbps
Threat Protection throughput	2.5 Gbps
NGFW	2.6 Gbps
Concurrent connections	4,190,000
New connections/sec	53,000
IPsec VPN throughput	8.25 Gbps
SSL VPN concurrent tunnels	1,000
IPsec VPN concurrent tunnels	1,000
Xstream SSL/TLS Inspection	800 Mbps
Xstream SSL/TLS concurrent connections	12,288

Note: For performance testing methodology, see page 10

Wireless Specification (XGS 108w only)	
No. of antennas	2 external
MIMO capabilities	2 × 2:2
Wireless interface	Wi-Fi 6 (802.11ax) 2.4 GHz/5 GHz concurrent

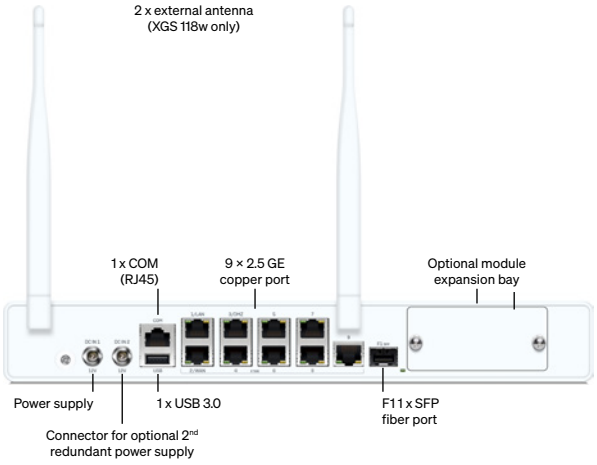
Physical Interfaces	
Storage **(local quarantine/logs)**	64 GB UFS 2.1
Ethernet interfaces (fixed)	6 × 2.5 GE copper 1 x SFP fiber
Management ports	1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	1 x USB 2.0 (front) 1 x USB 3.0 (rear)
Number of expansion slots	0
Optional add-on connectivity	n/a

Sophos XGS Series Desktop: SMB and Branch Office Gen.2: XGS 118, XGS 118w

Technical specifications

Front View

Back View



Physical Specifications	
Mounting	Rackmount kit available (to be ordered separately)
Dimensions: Width X height X depth	320 × 44 × 212 mm
Weight	2.4 kg/5.29 lbs (unpacked) 3.9 kg/8.60 lbs (packed) (w-model minimally more)

Environment	
Power supply	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 5.42A, 65W Optional second redundant power supply
Power consumption	25.5 W/87.01 BTU/hr (118 idle) 29.5 W/100.66 BTU/hr (118w idle) 28 W/95.54 BTU/hr (118 max.) 34 W/116.01 BTU/hr (118w max.)
Noise level (avg.) Typical/Max. operation	XGS 118 - 17.3/26.9 dBA XGS 118(w) - 19.5/31 dBA
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC

* XGS 118 only

Performance	XGS 118(w)
Firewall throughput	15.5 Gbps
Firewall IMIX	11 Gbps
IPS throughput	3.5 Gbps
Threat Protection throughput	3.25 Gbps
NGFW	3.95 Gbps
Concurrent connections	5,500,000
New connections/sec	62,650
IPsec VPN throughput	13 Gbps
IPsec VPN concurrent tunnels	1,500
SSL VPN concurrent tunnels	1,250
Xstream SSL/TLS Inspection	1.1 Gbps
Xstream SSL/TLS concurrent connections	18,432

Note: For performance testing methodology, see page 10

Wireless Specification (XGS 118w only)	
No. of antennas	2 external
MIMO capabilities	2 × 2:2
Wireless interface	Wi-Fi 6 (802.11ax) 2.4 GHz/5 GHz concurrent

Physical Interfaces	
Storage (local quarantine/logs)	64 GB UFS 2.1
Ethernet interfaces (fixed)	9 × 2.5 GE copper 1 x SFP fiber
Power-over-Ethernet (fixed)	0
Management ports	1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	1 x USB 2.0 (front) 1 x USB 3.0 (rear)
Number of expansion slots	1
Optional add-on connectivity	5G module (Gen.2)

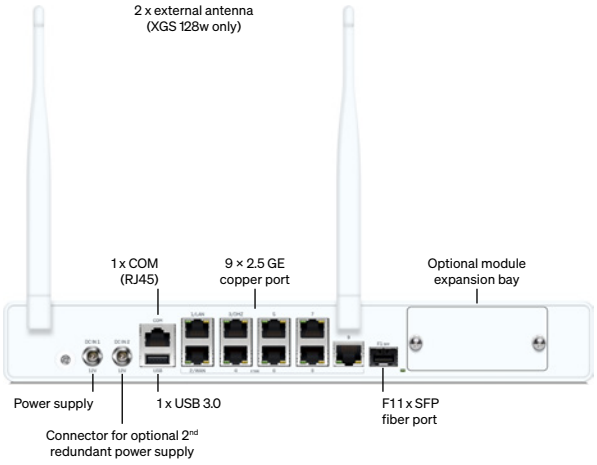
* SFP transceivers sold separately

Sophos XGS Series Desktop: SMB and Branch Office Gen.2: XGS 128, XGS 128w

Technical specifications

Front View

Back View



Physical Specifications	
Mounting	Rackmount kit available (to be ordered separately)
Dimensions: **Width X height X depth**	320 × 44 × 212 mm
Weight	2.4 kg/5.29 lbs (unpacked) 3.9 kg/8.60 lbs (packed) (w-model minimally more)

Environment	
Power supply	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 5.42A, 65W Optional second redundant power supply
Power consumption	26.5 W/90.42 BTU/hr (128 idle) 30 W/102.36 BTU/hr (128w idle) 30 W/102.36 BTU/hr (128 max.) 35 W/119.42 BTU/hr (128w max.)
Noise level (avg.) **Typical/Max. operation**	XGS 128 - 17.3/26.9 dBA XGS 128(w) - 19.5/31 dBA
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC

* XGS 128 only

Performance	XGS 128(w)
Firewall throughput	19.1 Gbps
Firewall IMIX	14.5 Gbps
IPS throughput	4.65 Gbps
Threat Protection throughput	4 Gbps
NGFW	4.,35 Gbps
Concurrent connections	6,000,000
New connections/sec	72,250
IPsec VPN throughput	15.05 Gbps
IPsec VPN concurrent tunnels	2,500
SSL VPN concurrent tunnels	1,500
Xstream SSL/TLS Inspection	1.45 Gbps
Xstream SSL/TLS concurrent connections	18,432

Note: For performance testing methodology, see page 10

Wireless Specification (XGS 128w only)	
No. of antennas	2 external
MIMO capabilities	2 × 2:2
Wireless interface	Wi-Fi 6 (802.11ax) 2.4 GHz/5 GHz concurrent

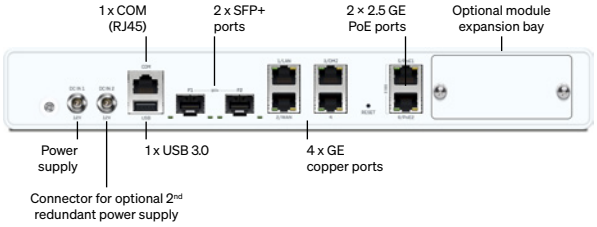
Physical Interfaces	
Storage **(local quarantine/logs)**	64 GB UFS 2.1
Ethernet interfaces (fixed)	9 × 2.5 GE copper 1 x SFP fiber
Power-over-Ethernet (fixed)	0
Management ports	1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	1 x USB 2.0 (front) 1 x USB 3.0 (rear)
Number of expansion slots	1
Optional add-on connectivity	5G module (Gen.2)

Sophos XGS Series Desktop: SMB and Branch Office Gen.2: XGS 138

Technical specifications

Front View

Back View



Physical Specifications	
Mounting	Rackmount kit available (to be ordered separately)
Dimensions: **Width X height X depth**	320 × 44 × 212 mm
Weight	2.4 kg/5.29 lbs (unpacked) 4.4 kg/9.70 lbs (packed)

Environment	
Power supply	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 12.5A, 150W Optional second redundant power supply
Power consumption	33 W/112.60 BTU/hr (idle) 51 W/174.02 BTU/hr (max.)
PoE addition enabled	121 W/412.87 BTU/hr (max.)
Noise level (avg.) **Typical/Max. operation**	28/43 dBA
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC, BSMI, RCM, NOM, Anatel, TEC

Performance	XGS 138
Firewall throughput	19.1 Gbps
Firewall IMIX	10.5 Gbps
IPS throughput	5.85 Gbps
Threat Protection throughput	4.75 Gbps
NGFW	5.1 Gbps
Concurrent connections	6,550,000
New connections/sec	105,000
IPsec VPN throughput	6.6 Gbps
IPsec VPN concurrent tunnels	2,500
SSL VPN concurrent tunnels	1,500
Xstream SSL/TLS Inspection	1.7 Gbps
Xstream SSL/TLS **concurrent connections**	18,432

Note: For performance testing methodology, see page 10

Physical Interfaces	
Storage **(local quarantine/logs)**	64 GB M.2
Ethernet interfaces (fixed)	4 x GE copper 2 × 2.5 GE copper 2 x SFP+ 10GE fiber
Power-over-Ethernet (fixed)	2 × 2.5 GE (30W max. per port)
Management ports	1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	1 x USB 2.0 (front) 1 x USB 3.0 (rear)
Number of expansion slots	1
Optional add-on connectivity	5G module (Gen.2)

Sophos XGS Series 1U: Distributed Edge

Mid-sized and distributed organizations that need a versatile solution to power and protect their networks will be well-served with our 1U models.
These rackmount firewalls offer excellent performance, a diverse range of high-speed interfaces, and a choice of add-on connectivity modules. Whether your priority is ensuring maximum uptime for your SD-WAN links, securely connecting your remote users, or protecting your growing organization's network, you can tailor these models to your dynamic environment.

All models are powered by a high-speed CPU plus a dedicated Xstream Flow Processor for hardware acceleration.

Product highlights

- Dual-processor architecture supports all key protection features without compromising performance
- Copper and fiber ports built in
- LAN bypass ports on every model
- Modular Flexi Port expansion bay(s) on every model to adapt connectivity
- Second power supply option for all models
- Centrally powered PoE Flexi Port module option to provide redundant power for PoE devices
- Rackmount kit included

Available models

XGS 2100
See detailed technical specifications

XGS 2300
See detailed technical specifications

XGS 3100
See detailed technical specifications

XGS 3300
See detailed technical specifications

XGS 4300
See detailed technical specifications

XGS 4500
See detailed technical specifications

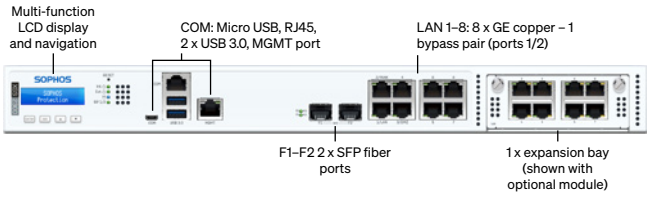
LAN and WAN edge connectivity

Securely connect your branch offices or remote locations to your main office with Sophos SD-RED, Remote Ethernet Devices, and add connectivity at the LAN edge with our access layer switches and access points. Find out more at the end of this brochure and sophos.com/switch.

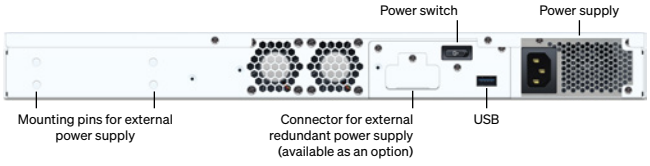
Sophos XGS Series 1U: Distributed Edge
XGS 2100, XGS 2300

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	1U rackmount (2 rackmount ears included)
Dimensions: **Width X height X depth**	438 × 44 × 405 mm
Weight	4.7 kg/10.36 lbs (unpacked) 7 kg/15.43 lbs (packed)

Environment	
Power supply	Internal auto-ranging AC-DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option
Power consumption	43 W/146.86 BTU/hr (2100 idle) 45 W/153.7 BTU/hr (2300 idle) 162 W/533.5 BTU/hr (2100 max.) 167 W/570.74 BTU/hr (2300 max.)
PoE addition enabled	76 W/260 BTU/hr (max.)
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC, RCM, NOM, Anatel, CCC, BSMI, TEC, SDPPI

Performance	XGS 2100	XGS 2300
Firewall throughput	30 Gbps	39 Gbps
Firewall IMIX	16.5 Gbps	20 Gbps
Firewall Latency (64 byte UDP)	6 microseconds	4 microseconds
IPS throughput	6 Gbps	7 Gbps
Threat Protection throughput	5 Gbps	5.5 Gbps
NGFW	5 Gbps	6.3 Gbps
Concurrent connections	6,500,000	6,500,000
New connections/sec	134,700	148,000
IPsec VPN throughput	17 Gbps	20.5 Gbps
IPsec VPN concurrent tunnels	5,000	5,000
SSL VPN concurrent tunnels	2,500	2,500
Xstream SSL/TLS Inspection	1.1 Gbps	1.45 Gbps
Xstream SSL/TLS concurrent connections	18,432	18,432

Note: For performance testing methodology, see page 10

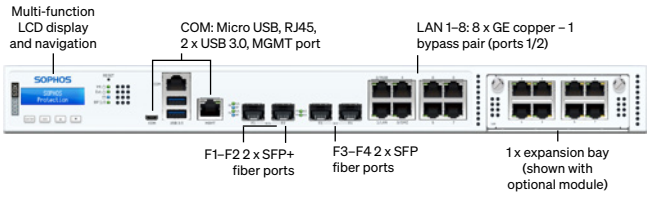
Physical Interfaces	
Storage (local quarantine/logs)	Integrated min. 120 GB SATA-III SSD
Ethernet interfaces (fixed)	8 x GE copper 2 x SFP fiber*
Bypass port pairs	1
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front) 1 x USB 2.0 (rear)
Number of Flexi Port slots	1
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10GE SFP+ fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 2-port 10 GE NBASE-T copper + 2 port 10 GE SFP+ fiber 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber
Max. total port density (incl. use of modules)	18
Max. Power-over-Ethernet (using Flexi Port module)	1 module: 4 ports, 60W max.
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

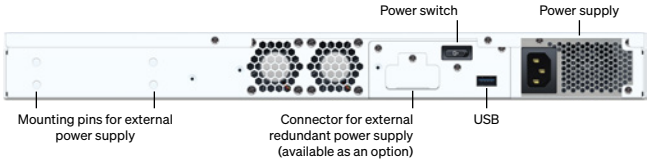
Sophos XGS Series 1U: Distributed Edge
XGS 3100, XGS 3300

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	1U rackmount (2 rackmount ears included)
Dimensions: **Width X height X depth**	438 × 44 × 405 mm
Weight	4.7 kg/10.36 lbs (unpacked) 7 kg/15.43 lbs (packed)

Environment	
Power supply	Internal auto-ranging AC-DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option
Power consumption	50 W/170.77 BTU/hr (3100 idle) 50 W/170.77 BTU/hr (3300 idle) 182 W/621.97 BTU/hr (3100 max.) 201 W/686.68 BTU/hr (3300 max.)
PoE addition enabled	76 W/260 BTU/hr (max.)
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC, RCM, NOM, Anatel, CCC, BSMI, TEC, SDPPI

Performance	XGS 3100	XGS 3300
Firewall throughput	47 Gbps	58 Gbps
Firewall IMIX	23.5 Gbps	27 Gbps
Firewall Latency (64 byte UDP)	4 microseconds	4 microseconds
IPS throughput	10.5 Gbps	14 Gbps
Threat Protection throughput	7.4 Gbps	10 Gbps
NGFW	9 Gbps	12.5 Gbps
Concurrent connections	12,260,000	13,700,000
New connections/sec	186,500	257,800
IPsec VPN throughput	25 Gbps	31.1 Gbps
IPsec VPN concurrent tunnels	6,500	6,500
SSL VPN concurrent tunnels	5,000	5,000
Xstream SSL/TLS Inspection	2.47 Gbps	3.13 Gbps
Xstream SSL/TLS concurrent connections	55,296	102,400

Note: For performance testing methodology, see page 10

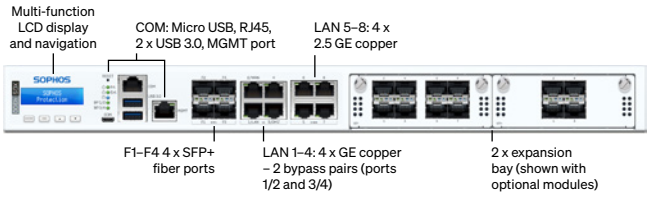
Physical Interfaces	
Storage (local quarantine/logs)	Integrated min. 240 GB SATA-III SSD
Ethernet interfaces (fixed)	8 x GE copper 2 x SFP fiber* 2 x SFP+ 10 GE fiber*
Bypass port pairs	1
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front) 1 x USB 2.0 (rear)
Number of Flexi Port slots	1
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 2-port 10 GE NBASE-T copper + 2 port 10 GE SFP+ fiber 2 port GbE Fiber (LC) bypass + 4 port GE SFP Fiber
Max. total port density (incl. use of modules)	20
Max. Power-over-Ethernet (using Flexi Port module)	1 module: 4 ports, 60W max.
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

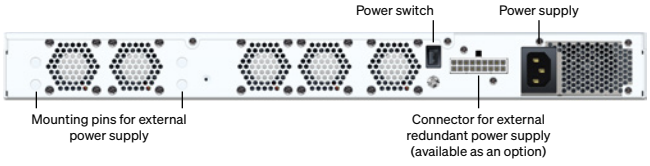
Sophos XGS Series 1U: Distributed Edge
XGS 4300

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	1U rackmount (sliding rails incl.)
Dimensions: Width X height X depth	438 × 44 × 510 mm
Weight	8.7 kg/19.18 lbs (unpacked) 14.9 kg/32.85 lbs (packed)

Environment	
Power supply	Internal auto-ranging AC-DC 100-240VAC, 3.7-7.4A@50-60 Hz External Redundant PSU Option
Power consumption	131 W/447.43 BTU/hr (idle) 268.35 W/916.56 BTU/hr (max.)
PoE addition enabled	152 W/519 BTU/hr
Operating temperature	0°C to 40°C (operating) -20 to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC, RCM, NOM, Anatel, CCC, BSMI, TEC, SDPPI

Performance	XGS 4300
Firewall throughput	75 Gbps
Firewall IMIX	33 Gbps
Firewall Latency (64 byte UDP)	3 microseconds
IPS throughput	29.5 Gbps
Threat Protection throughput	25.2 Gbps
NGFW	23 Gbps
Concurrent connections	16,600,000
New connections/sec	368,000
IPsec VPN throughput	62.5 Gbps
IPsec VPN concurrent tunnels	8,500
SSL VPN concurrent tunnels	7,500
Xstream SSL/TLS Inspection	8 Gbps
Xstream SSL/TLS concurrent connections	276,480

Note: For performance testing methodology, see page 10

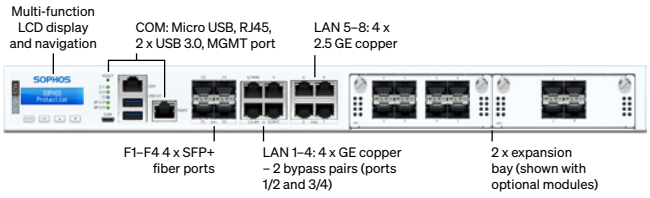
Physical Interfaces	
Storage (local quarantine/logs)	1 x min. 240 GB SATA-III SSD
Ethernet interfaces (fixed)	4 x GE copper 4 × 2.5 GE copper 4 x SFP+ 10 GE fiber*
Bypass port pairs	2
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front)
Number of Flexi Port slots	2
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GbE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 2-port 10 GE NBASE-T copper + 2 port 10 GE SFP+ fiber 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber
Max. total port density (incl. use of modules)	28
Max. Power-over-Ethernet (using Flexi Port module)	2 modules: 4 ports, 60W max. each
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

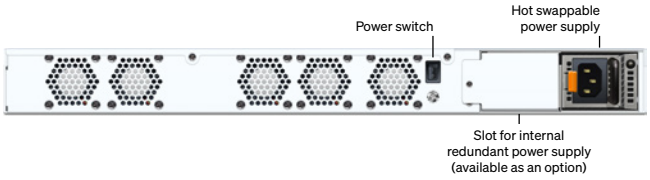
Sophos XGS Series 1U: Distributed Edge
XGS 4500

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	1U rackmount (sliding rails incl.)
Dimensions: Width X height X depth	438 × 44 × 510 mm
Weight	9.7 kg/21.38 lbs (unpacked) 15.9 kg/35.05 lbs (packed)

Environment	
Power supply	Internal Hot Swappable auto-ranging AC-DC 100-240VAC, 3.7-7.4A@50-60 Hz Internal Redundant PSU Option
Power consumption	151 W/515.74 BTU/hr (idle) 268.35 W/916.56 BTU/hr (max.)
PoE addition enabled	152 W/519 BTU/hr
Operating temperature	0°C to 40°C (operating) -20 to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC, RCM, NOM, Anatel, CCC, BSMI, TEC, SDPPI

Performance	XGS 4500
Firewall throughput	80 Gbps
Firewall IMIX	37 Gbps
Firewall Latency (64 byte UDP)	4 microseconds
IPS throughput	36.5 Gbps
Threat Protection throughput	31.85 Gbps
NGFW	30 Gbps
Concurrent connections	17,200,000
New connections/sec	450,000
IPsec VPN throughput	75.55 Gbps
IPsec VPN concurrent tunnels	8,500
SSL VPN concurrent tunnels	10,000
Xstream SSL/TLS Inspection	10.6 Gbps
Xstream SSL/TLS concurrent connections	276,480

Note: For performance testing methodology, see page 10

Physical Interfaces	
Storage (local quarantine/logs)	2 x min. 240 GB SATA-III SSD (SW RAID-1)
Ethernet interfaces (fixed)	4 x GE copper 4 × 2.5 GE copper 4 x SFP+ 10 GE fiber*
Bypass port pairs	2
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front)
Number of Flexi Port slots	2
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 2-port 10 GE NBASE-T copper + 2 port 10 GE SFP+ fiber 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber
Max. total port density (incl. use of modules)	28
Max. Power-over-Ethernet (using Flexi Port module)	2 modules: 4 ports, 60W max. each
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

Sophos XGS Series 2U: Enterprise and Campus Edge

These next-gen firewalls provide no-compromise protection, performance, and business continuity to distributed and growing enterprises that require maximum throughput for even the most complex networks. The Xstream Flow Processors provide dedicated hardware acceleration to easily handle full-on protection for today's encrypted, cloud-hosted applications and traffic. These models strike the perfect balance between port density and modularity, with a range of high-speed, built-in ports, plus additional high-density Flexi Port modules available to extend connectivity even further.

All models are powered by a high-speed CPU plus a dedicated Xstream Flow Processor for enterprise-grade hardware acceleration.

Product highlights

- Dual-processor architecture with dedicated co-processor for hardware acceleration
- Built to power all key threat protection features such as TLS inspection, sandboxing, and AI-driven threat analysis
- Excellent price-to-performance ratio
- A range of standard 1 GE copper plus 8 to 12 SFP+ 10 GE fiber interfaces built in
- QSPF28 ports on the XGS 7500 and 8500 provide port speeds of up to 40 Gbps (7500) and 100 Gbps (8500)
- Optional standard and high-density Flexi Port modules available to extend and adapt connectivity
- Maximum port density of 48 (XGS 5500), 68 (XGS 6500), or 70 (XGS 7500/8500) using optional modules
- Redundancy features on all models ensure business continuity

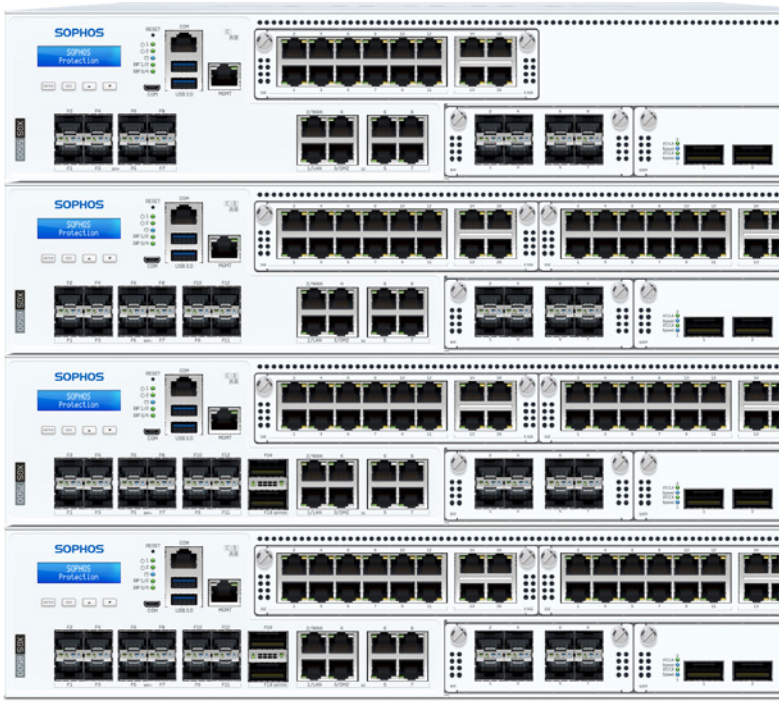
Available models

XGS 5500
See detailed technical specifications

XGS 6500
See detailed technical specifications

XGS 7500
See detailed technical specifications

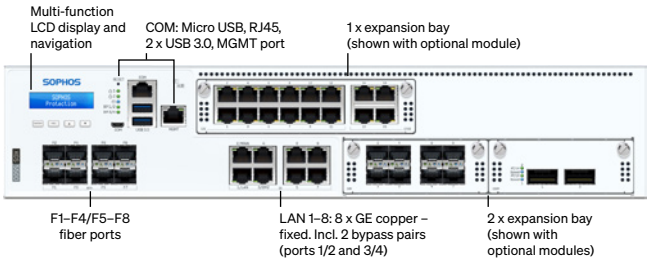
XGS 8500
See detailed technical specifications



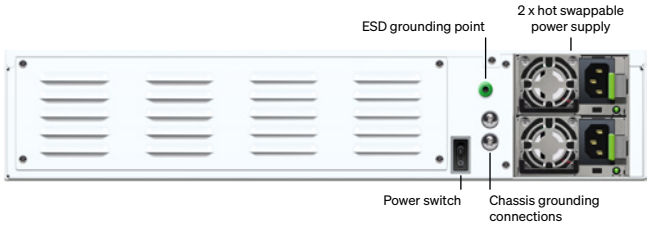
Sophos XGS Series 2U: Enterprise Edge
XGS 5500

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	2U sliding rails (included)
Dimensions: Width X height X depth	438 × 88 × 645 mm
Weight	17.8 kg/39.24 lbs (unpacked) 27 kg/59.53 lbs (packed)

Environment	
Power supply	2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU
Power consumption	168.0W/573.81 BTU/h (idle) 478.01W/1117.43 BTU/h (max.)
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, BSMI, RCM, NOM, Anatel, KC, CCC, SDPPI Planned: TEC

Performance	XGS 5500
Firewall throughput	100 Gbpss
Firewall IMIX	52 Gbps
Firewall Latency (64 byte UDP)	5 microseconds
IPS throughput	40 Gbps
Threat Protection throughput	46 Gbps
NGFW	38 Gbps
Concurrent connections	32,400,000
New connections/sec	468,000
IPsec VPN throughput	92.5 Gbps
IPsec VPN concurrent tunnels	10,000
SSL VPN concurrent tunnels	15,000
Xstream SSL/TLS Inspection	13.5 Gbps
Xstream SSL/TLS concurrent connections	512,000

Note: For performance testing methodology, see page 10

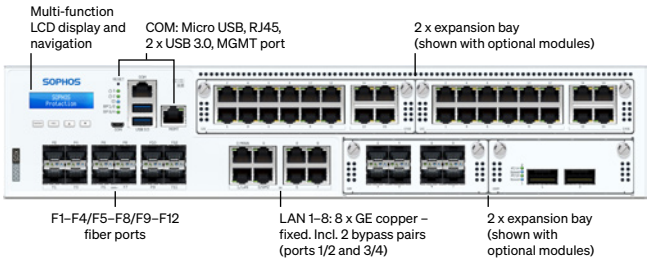
Physical Interfaces	
Storage (local quarantine/logs)	2 x min. 480 GB SATA-III SSD HW RAID built into CPU
Ethernet interfaces (fixed)	8 x GE copper 8 x SFP+ 10 GE fiber*
Bypass port pairs	2
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front)
Number of Flexi Port slots	2 + 1 for high-density module
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GbE copper bypass (2 pairs) 2 port 40 GE QSFP+ fiber 8 port 10 GE SFP+ fiber 2 port GbE Fiber (LC) bypass + 4 port GE SFP Fiber 2 port 10 GE Fiber (LC) bypass + 4 port 10 GE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper
Max. total port density (incl. use of modules)	48
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

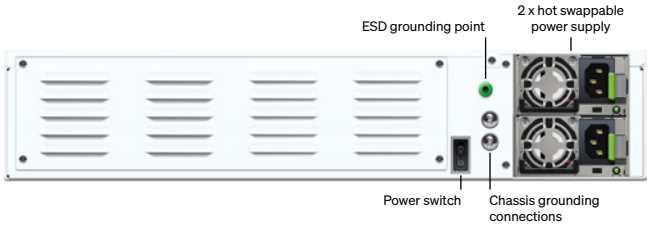
Sophos XGS Series 2U: Enterprise Edge
XGS 6500

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	2U sliding rails (included)
Dimensions: Width X height X depth	438 × 88 × 645 mm
Weight	17.8 kg/39.24 lbs (unpacked) 27 kg/59.53 lbs (packed)

Environment	
Power supply	2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU
Power consumption	188.00 W/642.13 BTU/h (idle) 497.09 W/1697.8 BTU/h (max.)
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, BSMI, RCM, NOM, Anatel, KC, CCC, SDPPI Planned: TEC

Performance	XGS 6500
Firewall throughput	120 Gbps
Firewall IMIX	60 Gbps
Firewall Latency (64 byte UDP)	5 microseconds
IPS throughput	50.75 Gbps
Threat Protection throughput	53.5 Gbps
NGFW	46.5 Gbps
Concurrent connections	39,900,000
New connections/sec	496,000
IPsec VPN throughput	109.8 Gbps
IPsec VPN concurrent tunnels	10,000
SSL VPN concurrent tunnels	15,000
Xstream SSL/TLS Inspection	16 Gbps
Xstream SSL/TLS concurrent connections	768,000

Note: For performance testing methodology, see page 10

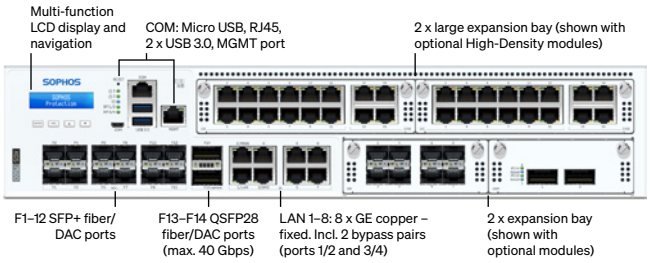
Physical Interfaces	
Storage (local quarantine/logs)	2 x min. 480 GB SATA-III SSD HW RAID built into CPU
Ethernet interfaces (fixed)	8 x GE copper 12 x SFP+ 10 GE fiber*
Bypass port pairs	2
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front)
Number of Flexi Port slots	2 + 2 for high-density module
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GE copper bypass (2 pairs) 2 port 40 GE QSFP+ fiber 8 port 10 GE SFP+ fiber 2 port GbE Fiber (LC) bypass + 4 port GE SFP Fiber 2 port 10 GE Fiber (LC) bypass + 4 port 10 GE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper
Max. total port density (incl. use of modules)	68
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

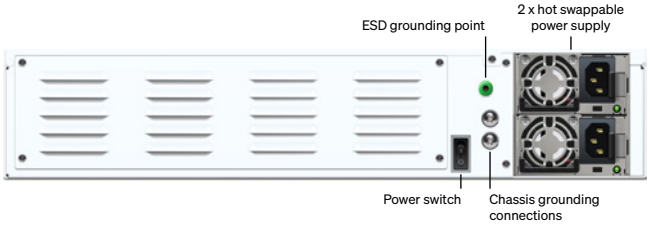
Sophos XGS Series 2U: Enterprise/Campus Edge
XGS 7500

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	2U sliding rails (included)
Dimensions: Width X height X depth	438 × 88 × 645 mm 17.24 × 3.46 × 25.39 inches
Weight	18 kg/39.68 lbs (unpacked) 27.3 kg/60.19 lbs (packed)

Environment	
Power supply	2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU
Power consumption	306 W/1,044 BTU/h (idle) 635 W/2,165 BTU/h (max.)
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, BSMI, RCM, NOM, KC, SDPPI, Anatel, CCC. Planned: TEC

Performance	XGS 7500
Firewall throughput	160 Gbps
Firewall IMIX	70.5 Gbps
Firewall Latency (64 byte UDP)	5.4 microseconds
IPS throughput	71.5 Gbps
Threat Protection throughput	70 Gbps
NGFW	58 Gbpss
Concurrent connections	48,000,000
New connections/sec	1,100,000
IPsec VPN throughput	117 Gbps
IPsec VPN concurrent tunnels	12,500
SSL VPN concurrent tunnels	19,000
Xstream SSL/TLS Inspection	19.5 Gbps
Xstream SSL/TLS concurrentconnections	1,280,000

Note: For performance testing methodology, see page 10

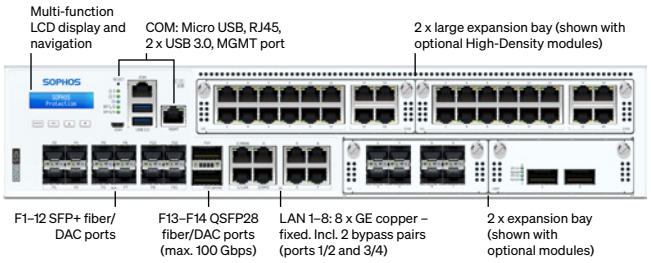
Physical Interfaces	
Storage (local quarantine/logs)	2 x min. 960 GB NVMe SSD HW RAID built into CPU
Ethernet interfaces (fixed)	8 x GbE copper 12 x SFP+ 10 GbE fiber* 2 x QSFP28 (up to 40 Gbps)
Bypass port pairs	2
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front)
Number of Flexi Port slots	2 + 2 for high-density module
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GE copper bypass (2 pairs) 2 port 40 GE QSFP+ fiber 8 port 10 GE SFP+ fiber 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber 2 port 10 GE Fiber (LC) bypass + 4 port 10 GE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper
Max. total port density (incl. use of modules)	70
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

* Transceivers sold separately.

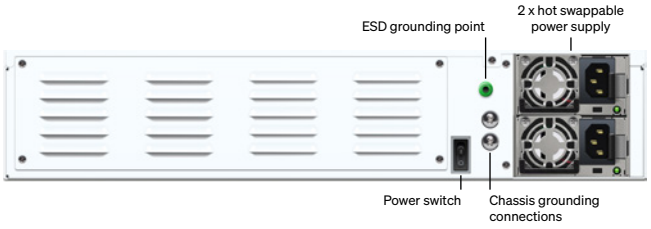
Sophos XGS Series 2U: Enterprise/Campus Edge
XGS 8500

Technical specifications

Front View



Back View



Physical Specifications	
Mounting	2U sliding rails (included)
Dimensions: Width X height X depth	438 × 88 × 645 mm 17.24 × 3.46 × 25.39 inches
Weight	18 kg/39.68 lbs (unpacked) 27.3 kg/60.19 lbs (packed)

Environment	
Power supply	2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU
Power consumption	318 W/1,085 BTU/h (idle) 645 W/2,200 BTU/h (max.)
Operating temperature	0°C to 40°C (operating) -20°C to +70°C (storage)
Humidity	10% to 90%, non-condensing

Product Certifications	
Certifications	CB, CE, UKCA, UL, FCC, ISED, VCCI, BSMI, RCM, NOM, KC, SDPPI, Anatel, CCC. Planned: TEC

Performance	XGS 8500
Firewall throughput	190 Gbps
Firewall IMIX	81 Gbps
Firewall Latency (64 byte UDP)	5.5 microseconds
IPS throughput	93 Gbps
Threat Protection throughput	92.5 Gbps
NGFW	76 Gbps
Concurrent connections	58,000,000
New connections/sec	1,700,000
IPsec VPN throughput	141 Gbps
IPsec VPN concurrent tunnels	15,000
SSL VPN concurrent tunnels	24,000
Xstream SSL/TLS Inspection	24 Gbps
Xstream SSL/TLS concurrent connections	2,500,000

Note: For performance testing methodology, see page 10

Physical Interfaces	
Storage (local quarantine/logs)	2 x min. 960 GB NVMe SSD HW RAID built into CPU
Ethernet interfaces (fixed)	8 x GE copper 12 x SFP+ 10 GE fiber* 2 x QSFP28 (up to 100 Gbps)
Bypass port pairs	2
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front)
Number of Flexi Port slots	2 + 2 for high-density module
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP fiber 4 port 10 GE SFP+ fiber 4 port GE copper bypass (2 pairs) 2 port 40 GE QSFP+ fiber 8 port 10 GE SFP+ fiber 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber 2 port 10 GE Fiber (LC) bypass + 4 port 10 GE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper
Max. total port density (incl. use of modules)	70
Optional add-on connectivity	SFP DSL module (VDSL2) SFP/ SFP+ Transceivers
Display	Multi-function LCD module

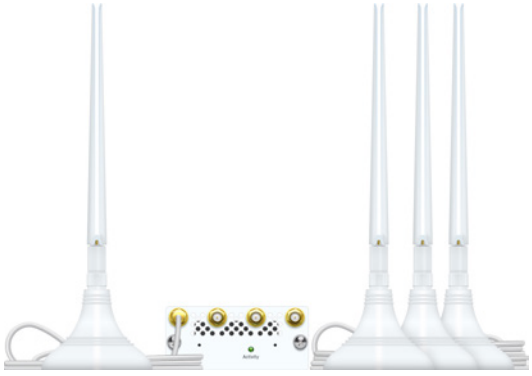
* Transceivers sold separately.

Adapt connectivity with optional modules

Connectivity modules

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

XGS Series: Optional connectivity modules

Desktop Modules	Other Connectivity Options
	Optional Transceivers A range of optional transceivers are available, incl. SFP, SFP+
5G Module (Gen.2) For XGS 118(w), XGS 128(w), XGS 138 (not compatible with Gen.1 XGS or XG Series)	

XGS Series: Gen.2 desktop accessory matrix by model

	Redundancy	Connectivity			Mounting
Model	Power	Expansion Bay	5G module	Wi-Fi Options	Rackmount Kit
XGS 88	n/a	n/a	n/a	n/a	Optional
XGS 88w				Built in	
XGS 108	Optional 2nd power supply			n/a	
XGS 108w				Built in	
XGS 118		1	Optional	n/a	
XGS 118w				Built in	
XGS 128				n/a	
XGS 128w				Built in	
XGS 138				n/a	

Flexi Port modules for 1U and 2U

Configure your hardware to suit your infrastructure and change it as needed. Our optional Flexi Port LAN modules give you the freedom to select the connectivity you neednеed. Copper, fiber, 10 GE, and 40 GE – you decide.

XGS Rackmount Models	For XGS 2xxx/3xxx/4xxx only	For XGS 2U Rackmount Models only
 8 Port 1G copper	 4 Port 1G copper PoE + 4 Port 1G copper	 2 Port 40G QSFP+
 8 Port 1G SFP	 2-port 10 GE NBASE-T copper + 2 port 10 GE SFP+ fiber	 8 Port 10G SFP+
 4 Port 10G SFP+		 2 port 10 GE Fiber (LC) bypass + 4 port 10 GE SFP+ Fiber
 4 Port 1G copper bypass (2 pairs)		 High-Density Flexi Port Module (NIC) 12 Port 1G copper + 4 Port 2.5G copper
 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber		

Note: XGS modules are not compatible with any previous XG Series appliances

XGS Series: 1U accessory matrix by model

	Redundancy		Modular Connectivity			Mounting
Model	Power	2nd SSD	VDSL SFP Modem	Flexi Port Bays	Flexi Port Modules	Rackmount Kit
XGS 2100	Optional external	n/a	Optional	1	• 8 Port 1G copper • 8 Port 1G SFP • 4 Port 10G SFP+ • 4 Port 1G copper bypass • 4 port 1G copper PoE + 4 port 1G copper • 2-port 10 GE NBASE-T copper + 2 port 10 GE SFP+ fiber • 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber	Rackmount ears incl. Optional sliding rails
XGS 2300	Optional external	n/a	Optional	1		Rackmount ears incl. Optional sliding rails
XGS 3100	Optional external	n/a	Optional	1		Rackmount ears incl. Optional sliding rails
XGS 3300	Optional external	n/a	Optional	1		Rackmount ears incl. Optional sliding rails
XGS 4300	Optional external	n/a	Optional	2		Sliding rails included
XGS 4500	Optional internal	Internal redundant SSD	Optional	2		Sliding rails included

XGS Series: 2U accessory matrix by model

	Redundancy		Modular Connectivity			Mounting
Model	Power	SSD	VDSL SFP Modem	Flexi Port Bays	Flexi Port Modules	Rackmount Kit
XGS 5500	Included	2nd redundant SSD included	Optional	2 + 1 for High-density module	• 8 Port 1G copper • 8 Port 1G SFP • 4 Port 10G SFP+ • 4 Port 1G copper bypass • 2 port 40G QSFP+ • 8 port 10G SFP+ • 2 port GE Fiber (LC) bypass + 4 port GE SFP Fiber • 2 port 10 GE Fiber (LC) bypass + 4 port 10 GE SFP+ Fiber • High-Density Flexi Port module (NIC) 12 Port 1G copper + 4 Port 2.5G copper	Sliding rails included
XGS 6500	Included	2nd redundant SSD included	Optional	2 + 2 for High-density modules		Sliding rails included
XGS 7500	Included	2nd redundant NVMe SSD included	Optional	2 + 2 for High-density modules		Sliding rails included
XGS 8500	Included	2nd redundant NVMe SSD included	Optional	2 + 2 for High-density modules		Sliding rails included

Sophos Wireless Protection

Simple. Secure. Reliable.

Sophos offers three different options for wireless protection:

Cloud-managed Wi-Fi (our recommendation)

Sophos Wireless is our Sophos Fusion-managed Wi-Fi solution. It offers the broadest feature set, the best scalability, and support for the latest generation of Wi-Fi 6/6E access points, the AP6 Series.

AP6 Series models

- AP6 420 – 2×2 indoor Wi-Fi 6
- AP6 420E – 2×2 indoor Wi-Fi 6/6E
- AP6 840 – 4×4 indoor Wi-Fi 6
- AP6 840E – 4×4 indoor Wi-Fi 6/6E
- AP6 420X – 2×2 outdoor Wi-Fi 6

All models come with a limited lifetime warranty.

Sophos Fusion management of AP6

A support subscription is required to manage an AP6 Series access point in Sophos Fusion, which also unlocks additional benefits and features (e.g., advanced RMA, Active Threat Response).

Local management of AP6

Each AP6 Series includes a local management option that does not require an additional subscription.

As a single management console for all of your Sophos security solutions, Sophos Fusion puts your Wi-Fi management just one click away from your firewalls and switches, endpoint and server security, email protection, and more.

Learn more about our cloud-managed Wi-Fi at sophos.com/wireless

Hardware appliances with integrated Wi-Fi

All of our XGS Series desktop appliances (except the XGS 138) are available with an integrated wireless access point. This option is ideal for small environments such as retail outlets, where an all-in-one solution is preferred.

Firewall as a controller

This option supports our end-of-sale Wi-Fi 5 APX Series access points only.

Using Sophos Firewall as a wireless controller, supported Sophos access points are automatically discovered when they're connected, allowing you to configure a variety of corporate, guest, or contractor wireless networks quickly and easily.

SD-RED

Sophos SD-RED: Empowering your SD-WAN strategy

Sophos has long been a pioneer in providing an easy-to-use and secure way to connect branch offices and other remote locations. Sophos Firewall includes comprehensive SD-WAN features to help you accelerate application performance and get better visibility into network health to ensure that your remote locations enjoy the same performance as your main office.

Our SD-RED devices work with your Sophos Firewall, independent of whether you have a hardware, software, or public cloud deployment. Our APX Series access points are also compatible with Sophos SD-RED.

To manage Sophos SD-RED, you need to have an active Network Protection subscription on your firewall.

Technical specifications

Model	SD-RED 20	SD-RED 60
		
Capacity		
Maximum tunnel throughput	250 Mbps	850 Mbps
Physical interfaces (Built-in)		
LAN interfaces	4 × 10/100/1000 Base-TX (1 GE copper)	4 × 10/100/1000 Base-TX (1 GE copper)
WAN interfaces	1 × 10/100/1000 Base-TX (shared with SFP)	2 × 10/100/1000 Base-TX (WAN1 shared port with SFP)
SFP interfaces	1x SFP fiber (shared port with WAN)	1x SFP fiber (shared port with WAN1)
Power-over-Ethernet ports	None	2 PoE ports (total power 30W)
USB ports	2 x USB 3.0 (front and rear)	2 x USB 3.0 (front and rear)
COM ports	1 x micro-USB	1 x micro-USB
Optional Connectivity		
Modular bay	1 (for use with optional Wi-Fi OR 4G/LTE card)	1 (for use with optional Wi-Fi OR 4G/LTE card)
Optional Wi-Fi module	Wi-Fi 5 (802.11ac) dual-band capable 2 × 2 MIMO 2 antennas	Wi-Fi 5 (802.11 ac) dual-band capable 2 × 2 MIMO 2 antennas
Optional 3G/4G LTE module	MC7430/MC7455 Sierra Wireless Card	MC7430/MC7455 Sierra Wireless Card
Physical Specifications		
Dimensions: **Width x height x depth**	225 × 44 × 150 mm 8.86 × 1.73 × 5.91 inches	225 × 44 × 150 mm 8.86 × 1.73 × 5.91 inches
Weight	0.9 kg/1.8 kg (1.98 lbs/3.97 lbs) Unpacked/Packed	1.0 kg/2.2 kg (2.2 lbs/4.85 lbs) Unpacked/Packed
Power supply adapter	AC Input: 110-240VAC @50-60 Hz DC Output: 12V +/- 10%, 3.7A, 40W	AC Input: 110-240VAC @50-60 Hz DC Output: 12V +/- 10%, 6.95A, 75W
Power redundancy support	Yes, optional second power supply	Yes, optional second power supply
Power consumption	6.1W, 20.814 BTU (idle) 22.6W, 77.114 BTU (full load)	11.88W, 40.536 BTU/h (idle) 25.33W, 86.429 BTU/h (full load without PoE) 62.48W, 213.190 BTU/h (full load with PoE)
Temperature (operational)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Temperature (storage)	-20°C to 70°C (-4°F to 158°F)	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing	10% to 90%, non-condensing
Safety Regulations		
Certifications (safety, EMC, radio)	CE/FCC/IC/RCM/VCCI/CB/UL/CCC/KC/ANATEL	CE/FCC/IC/RCM/VCCI/CB/UL/CCC/KC/ANATEL

See sophos.com/compare-xgs for further technical details.

Sophos Switch

Access layer switches

The Sophos Switch Series offers a range of network access layer switches to connect and power the devices connecting to your local area network (LAN) while adding security controls and segmentation at the all-important LAN edge. Our switches can be managed from Sophos Fusion alongside all of your Sophos solutions. A local user interface is also available.

Technical specifications

1G Models	
8-Port: CS101-8, CS101-8FP	8 × 1G, 2 x SFP. FP = Full PoE (110W)
24-Port: CS110-24, CS110-24FP	24 × 1G, 4 x SFP+. FP = Full PoE (410W)
48-Port: CS110-48, CS110-48P, CS110-48FP	48 × 1G, 4 x SFP+. P = Partial PoE (410W). FP = Full PoE (740W)
2.5G Models	
8-Port: CS210-8FP	8 × 2.5G, 4 x SFP+. FP = Full PoE (240W). This model supports 802.3bt.
24-Port: CS210-24FP	16 × 1G, 8 × 2.5G, 4 x SFP+. FP = Full PoE (410W).
48-Port: CS210-48FP	32 × 1G, 16 × 2.5G, 4 x SFP+. FP = Full PoE (740W)
10G Model	
8-Port: CS1010-8FP	8 × 10G, 4 x SFP+. FP = Full PoE (410W)

Deployment Options

While most 24- and 48-port models will find their future home in a rack, our entry-level 8-port models are also suitable for wall mounting or desktop use, making them the ideal choice for deployments outside of a standard data center environment. All of our switches come with a mounting kit.

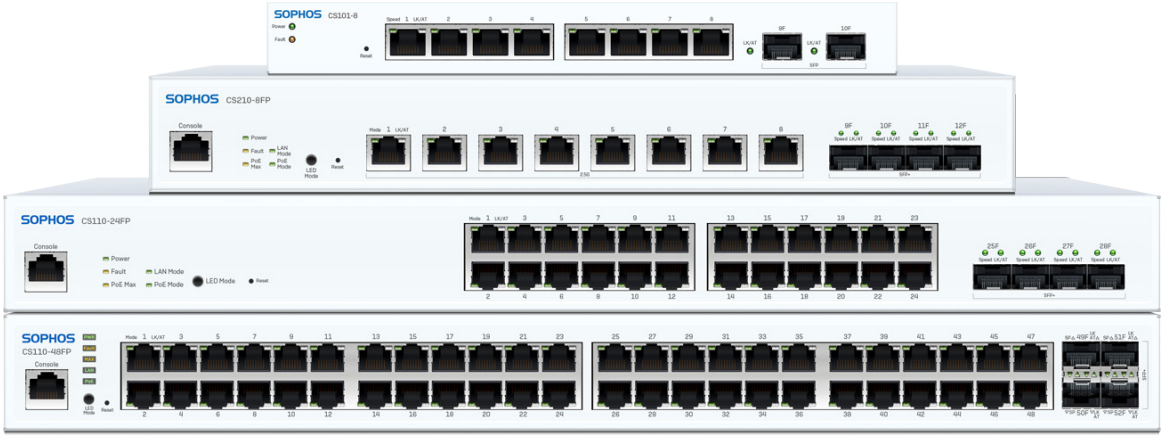
Sophos Fusion management of Sophos Switch

A support subscription is required for Sophos Fusion management, which also unlocks additional benefits and features (e.g., advanced RMA, Active Threat Response).

Local management of Sophos Switch

Each Sophos Switch includes a local management option that does not require an additional subscription.

See sophos.com/switch for further details.



Further resources

We have a broad range of resources available where you can find out more about Sophos Firewall and related products.

- Sophos Firewall Web – sophos.com/firewall
- XGS Series hardware models – sophos.com/compare-xgs
- Sophos Firewall: Add-ons and accessories – sophos.com/firewall
- Sophos Switch - sophos.com/switch
- Sophos Wireless – sophos.com/wireless
- Sophos Workspace Protection - sophos.com/workspace
- Sophos Managed Detection and Response - sophos.com/mdr
- Network-in-a-Box bundles - sophos.com/network-stack

Try it for free – for business and home use

If you have any questions, visit sophos.com or give us 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** *for more information.*

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 four virtual cores and 6 GB of RAM. Visit **sophos.com/freetools** *for more information.*

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