

SOPHOS

Quick Start Guide

XGS 116(w)/126(w)/136(w)



For more information about your appliance, scan the QR code or visit www.sophos.com/get-started-firewall



Before you begin, please confirm that you have a working Internet connection and make sure you have the account information available that was provided by your ISP.

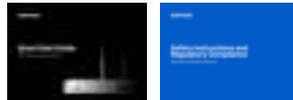
1. Before Deploying

Congratulations on the purchase of your Sophos XGS appliance. This Quick Start Guide describes in short steps how to connect your appliance and explains how to open the web-based Admin Console from your administration PC. The Admin Console allows you to configure every aspect of the appliance.

a) What is included in the box



XGS 116(w)/126(w)/136(w)



This Quick Start Guide and
Safety Instructions



3 antennas
[XGS 126w/136w model,
2 on XGS 116w model]



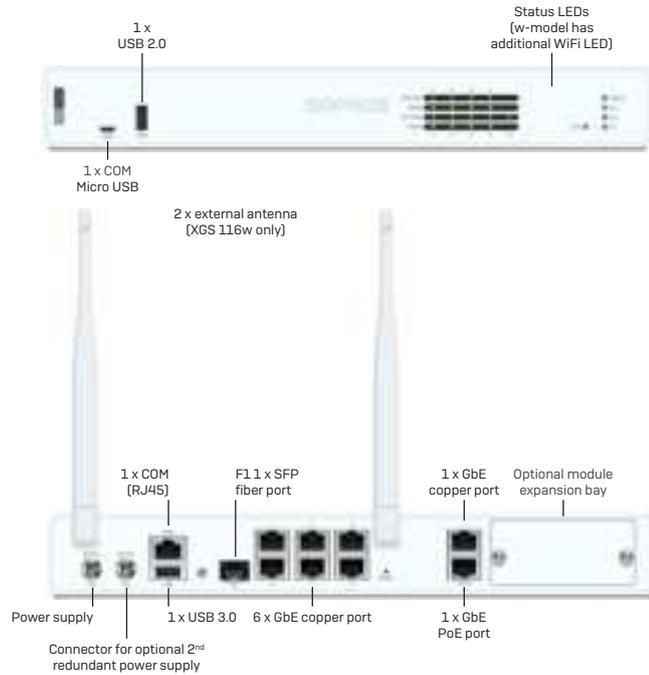
Power Adapter



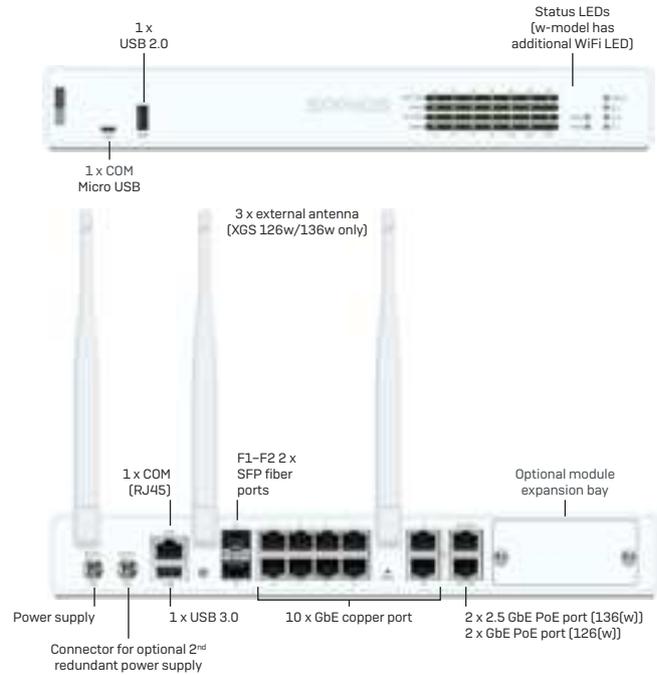
Micro USB cable
RJ45 Ethernet cable
Power cable

b) Appliance images: front and back

XGS 116(w)



XGS 126(w)/136(w)



Interfaces

LAN Ports	Type	Speed	Comment
1-8	RJ45	10/100/1000 Mbps	Port 8 on XGS 116(w) can be used to power a connected device (e.g. access point, IP camera, or IP Phone) via PoE with upto 30W (PoE 802.3at).
9-10 [XGS 126(w)/136(w) only]	RJ45	100/1000 Mbps	
11-12 [XGS 126(w)/136(w) only]	RJ45	XGS 126(w): 100/1000 Mbps XGS 136(w): 100/1000/2500 Mbps	Both ports can be used to power a connected device (e.g. access point, IP camera, or IP Phone) via PoE with upto 30W (PoE 802.3at) each.
F1	SFP	1 Gbps	SFP transceivers are sold separately.
F2 [XGS 126(w)/136(w) only]	SFP	1 Gbps	SFP transceivers are sold separately.

Other Ports	Type	Comment
COM	Micro USB [front] RJ45 [back]	You can connect a serial console to the Micro USB or RJ45 COM port to access the CLI. Only one port can be used at any time. If both ports are connected, then the Micro USB port will take precedence. The required connection settings are: <ul style="list-style-type: none"> • Bits per second: 38,400 • Data bits: 8 • Parity: N (none) • Stop bits: 1
USB	USB 2.0 [Type A] [front] USB 3.0 [Type A] [back]	You can connect a USB 2.0 and/or 3.0 compatible device to these ports (e.g. USB thumb drive, UPS, 3G/4G dongles).
Reset	Button	Press and hold for >10 seconds to reset the unit to factory default settings. All configuration, reports and patterns will be flushed.

Expansion Bay	Comment
Cellular Module	Can be used for Sophos XGS 3G/4G or 4G/5G Module, which is optionally available from your Sophos partner.
WiFi Module	Can be used for Sophos XGS WiFi Module, which is optionally available from your Sophos partner.

2. Mount and Connect the Appliance

Mount the antennas (for wireless models only)

Connect the provided antennas to the connectors on the back of your appliance and align them in a vertical position.

Connect the ports to the internal and external networks

1. Connect the port 1/LAN via a switch to the internal network. For this purpose, use the RJ45 Ethernet cable provided. Note that your Administration PC must also be connected to this network.
2. Connect Port 2/WAN to the external network. The connection to the WAN depends on the type of Internet access.

XGS appliances are shipped with the following default settings:

<i>Ethernet Port</i>	<i>IP Address</i>	<i>Zone</i>
1/LAN	172.16.16.16/255.255.255.0	LAN
2/WAN	DHCP	WAN

<i>Admin Console Username</i>	<i>Admin Console Password</i>	<i>CLI Console Password</i>
admin	admin	admin

<i>Default Gateway</i>	<i>DNS</i>	<i>DHCP Service</i>
DHCP	DHCP	Enabled

Mount the appliance to the rack

If you want to mount the device within a rack please use the optionally available rackmount kit for this device.

3. Power Up the Appliance

Connect the power cable and turn on the appliance

Connect the appliance to the power supply using the power cable(s). Turn the appliance on. The power switch is on the back of the appliance near the power connection. During boot up the Status LED on the front will blink green. Once the device has booted completely the Status LED will turn to solid green.

4. Connect Your Administration PC

Administration PC connection properties:

Use the settings below to configure your [PC/laptop] network interface:

- › IP address: 172.16.16.2
- › Netmask: Enter 255.255.255.0
- › Default Gateway: Enter the IP address of the appliance's internal network card (Port1/LAN): 172.16.16.16
- › DNS Server: Enable this option and enter the IP address of the internal network card (Port1/LAN): 172.16.16.16

Connect your PC/laptop to Port 1/LAN of the appliance:

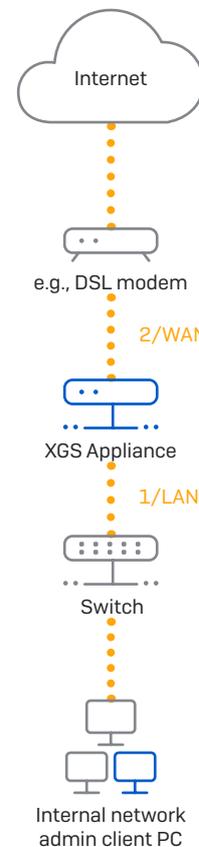
Start the browser and enter the IP address of the appliance's LAN port that your PC is connected to:

<https://172.16.16.16:4444>

Login with the default details below:

Username: admin

Password: admin



5. Set Up the Appliance

a) Start network configuration

Select '**Click to begin**' on the '**Welcome**' screen to start your basic appliance configuration. Change the interface IP addresses, default gateway, DNS settings and date/time zone to match your local network settings.

b) Register the appliance

If you have not previously registered your appliance on MySophos, you will see the registration screen "Register Your Firewall." The appliance requires Internet connectivity for it to be registered with MySophos. If you want to register later, click the check box "I do not want to register now" and proceed with section c).

If you have a serial number provided on your License Schedule please enter it into the first field and click "I have an existing serial number," otherwise click "I don't have a serial number (Start a Trial)."

If you are upgrading from an existing UTM/SG appliance and want to migrate your existing UTM license to your new firewall, click the respective button on the screen and browse for your UTM license to upload it to your firewall.

After clicking '**Continue**', you will be redirected to the MySophos portal. If you already have a MySophos account, enter your login credentials under '**Log in to MySophos**'. If you are a new user, sign up for a MySophos account by entering the details under '**Register for MySophos**'.

Click 'Continue' to complete the registration process. Please wait while the process completes – it will take a few seconds. After successful registration, you will see a screen with the message, '**Your device is now registered**'. Please note that you should proceed with the next step, i.e. '**Synchronize License**' only after the appliance is successfully registered.

c) Synchronize license

Click '**Initiate License Synchronization**' to get the license information from Sophos onto the appliance. After synchronization, you will see a screen with the message, "Synchronization with server was successful."



6. Connecting PoE Powered Devices

Ports 8 (on XGS 116(w) and 11/12 (on XGS 126(w)/136(w) are able to provide power over Ethernet (PoE) to a connected PoE device which conforms to the standards 802.3af (max. 15.4W) or 802.3at (max. 30W). Each port can provide up to 30 watts max.

Please note: If a high performance expansion module is used in a XGS 126(w) or XGS 136(w) module slot then the max. power of one PoE port will be limited to 15.4 watts.

Please visit www.sophos.com/en-us/support or contact your local Sophos reseller for more information about high performance expansion modules.

7. Appliance LED codes

<i>LEDs on each RJ45 Ethernet Connector</i>			
ACT/LNK (Left LED)	Green	Solid	1. The Ethernet port has established link. 2. Good connection between the Ethernet port and hub.
		Flashing	The adapter is sending or receiving network data.
		Off	1. The adapter and switch are not receiving power. 2. No connection between both ends of network. 3. Network drivers have not been loaded or do not function correctly.
Speed (Right LED)	Amber	On	If Ethernet port is operating at 1000 Mbps.
	Green	On	If Ethernet port is operating at 100 Mbps.
		Off	If Ethernet port is operating at 10 Mbps.

LEDs on each SFP Connector			
ACT/LNK	Green	Solid	1. The SFP connector is receiving power. 2. Good connection between the SFP port and hub.
		Flashing	The adapter is sending or receiving network data.
	Off	1. The adapter and switch are not receiving power. 2. No connection between both ends of network. 3. Network drivers have not been loaded or do not function correctly.	

LEDs (Front)			
Storage	Blue	Flashing	SSD is being accessed.
Status	Green	Solid	Normal operation.
		Flashing	Device is booting up or shutting down.
	Red	Solid	SSD or boot failure.
		Flashing	General error (please contact support).
WiFi	Green	On	WiFi is active.
		Off	WiFi is inactive.
Power 1	Green	Solid	Power adapter 1 in normal operation.
	Red	Solid	Power adapter 1 failed or disconnected.
Power 2	Green	Solid	Power adapter 2 in normal operation.
	Red	Solid	Power adapter 2 failed or disconnected.

PoE LEDs (Front)			
PoE1	Green	Solid	PoE1 providing power to connected device.
		Blinking fast*	PoE1 has an internal hardware failure.
		Blinking slowly**	PoE1 is denied power (e.g. connected device requesting power above max. power capacity) or is detecting a fault on connected device.
		Off	PoE1 not providing power to connected device.
PoE2	Green	Solid	PoE2 providing power to connected device.
		Blinking fast*	PoE2 has an internal hardware failure.
		Blinking slowly**	PoE2 is denied power (e.g. connected device requesting power above max. power capacity) or is detecting a fault on connected device.
		Off	PoE2 not providing power to connected device.

8. Support and Documentation

For more information and technical support, please visit www.sophos.com/en-us/support or contact your local Sophos reseller.

Check our Getting Started resources to find out how you can get the most out of your purchase www.sophos.com/get-started-firewall

* The blinking behavior is an on/off cycle approx. once every 0.3 seconds.

** The blinking behavior is an on/off cycle approx. once every 2.5 seconds.

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United Kingdom Sales

Tel.: +44 (0)8447 671131
Email: sales@sophos.com

North American Sales

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

Sales DACH

[Deutschland, Österreich, Schweiz]
Tel.: +49 (0) 611 585 8-0
Tel.: +49 (0) 721 255 16-0
E-Mail: sales@sophos.de

Australia and New Zealand Sales

Tel.: +61 2 9409 9100
Email: sales@sophos.com.au

Japan Sales

Tel.: +81 3 3568 7550
Email: sales@sophos.co.jp

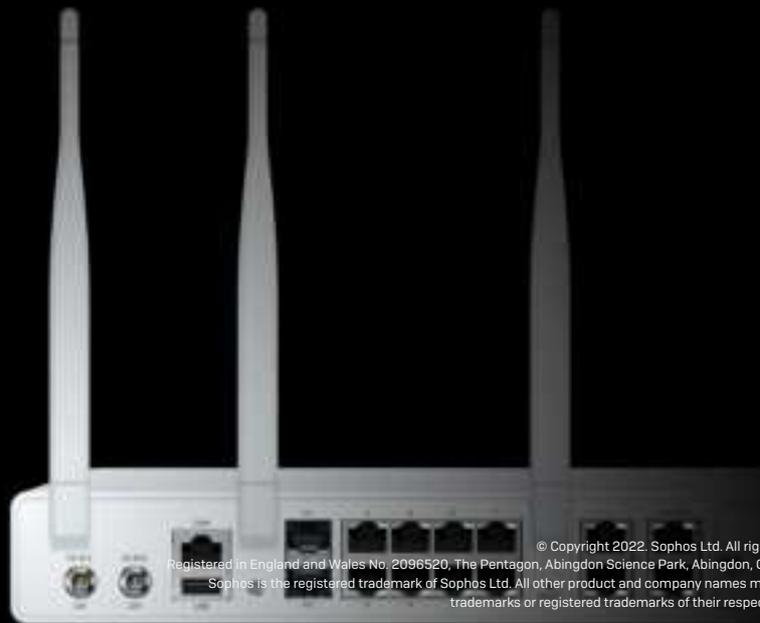
China Sales

Tel.: +86-10-6567 5820
Email: sales@sophos.co.jp

Shanghai Sales

Tel.: +86-21-32517160
Email: sales@sophos.co.jp

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