

Sophos XGS Series 1U: Distributed Edge

Mid-sized and distributed organizations who need a versatile solution to power and protect their network will be well-served with our 1U models. These rackmount firewalls offer excellent performance, a diverse range of high-speed interfaces built-in, 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 the network in a growing organization, you can tailor them 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 onboard
- 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

Product Highlights

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 4300

See detailed [technical specifications](#)

Edge Connectivity:

Securely connect your smaller offices or remote locations to your main office with Sophos SD-WAN, Remote Ethernet Devices, or add Wi-Fi using our APX Series Access Points. Find out more at the end of this brochure.

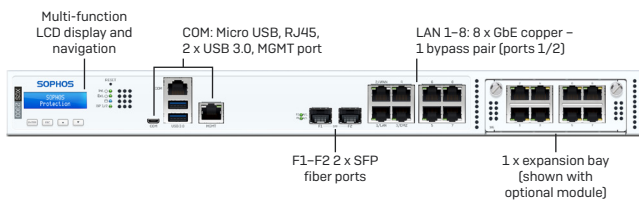


Sophos XGS Series 1U: Distributed Edge

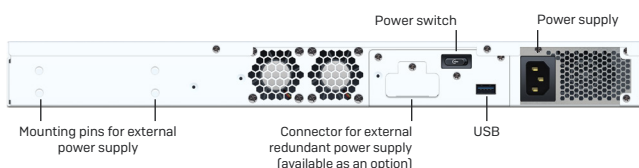
XGS 2100, XGS 2300

Technical Specifications

Front View



Back View



Physical specifications

Mounting	1U rackmount (2 rackmount ears included)
Dimensions Width x Height x Depth	438 x 44 x 405 mm
Weight	4.7 kg/10.36 lbs (unpacked) 7 kg/15.43 lbs (packed)

Environment

Power supply	Internal auto-ranging DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option
Power consumption	2100: 43 W/146.86 BTU/hr (idle) 2300: 45 W/153.7 BTU/hr (idle) 2100: 162 W/533.5 BTU/hr (max.) 2300: 167 W/570.74 BTU/hr (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, UL, FCC, ISED, VCCI, CCC*, KC, BSMI*, RCM, NOM, Anatel*
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* Certification may not be available from launch

Performance	XGS 2100	XGS 2300
Firewall throughput	30,000 Mbps	35,000 Mbps
Firewall IMIX	15,900 Mbps	20,000 Mbps
Firewall Latency (64 byte UDP)	6 µs	4 µs
IPS throughput	5,800 Mbps	7,000 Mbps
Threat Protection throughput	1,250 Mbps	1,400 Mbps
Concurrent connections	6,500,000	6,500,000
New connections/sec	134,700	148,000
IPsec VPN throughput	-	-
Xstream SSL/TLS Inspection	1,100 Mbps	1,450 Mbps
Xstream SSL/TLS Concurrent connections	18,432	18,432

Note: For performance testing methodology see [page 12](#)

Physical interfaces

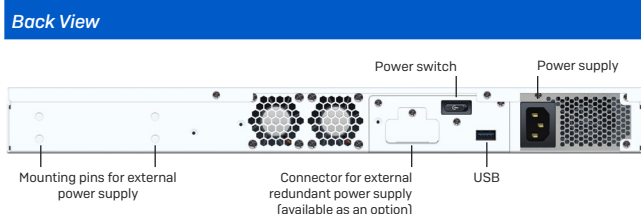
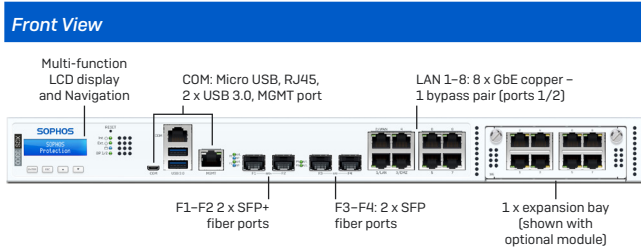
Storage (local quarantine/logs)	Integrated min. 120 GB SATA-III SSD
Ethernet interfaces (fixed)	8 x GbE copper 2 x SFP fiber*
Bypass port pairs	1
Management ports	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
Other I/O ports	2 x USB 3.0 (front) 1 x USB 2.0 (rear)
Number of Flexi Port slots	1
Flexi Port modules (optional)	8 port GbE copper 8 port GbE SFP fiber 4 port 10GE SFP+ fiber 4 port GbE copper bypass (2 pairs) 4 port GbE copper PoE + 4 port GbE copper 4 port 2.5 GbE copper PoE
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 (mini GBICs) sold separately

Sophos XGS Series 1U: Distributed Edge

XGS 3100, XGS 3300

Technical Specifications



Physical specifications

Mounting	1U rackmount (2 rackmount ears included)
Dimensions Width x Height x Depth	438 x 44 x 405 mm
Weight	4.7 kg/10.36 lbs (unpacked) 7 kg/15.43 lbs (packed)

Environment

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

Product Certifications

Certifications	CB, CE, UL, FCC, ISSED, VCCI, CCC*, KC, BSMI*, RCM, NOM, Anatel*
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* Certification may not be available from launch

Performance	XGS 3100	XGS 3300
Firewall throughput	38,000 Mbps	40,000 Mbps
Firewall IMIX	22,000 Mbps	24,500 Mbps
Firewall Latency (64 byte UDP)	4 µs	4 µs
IPS throughput	9,820 Mbps	13,440 Mbps
Threat Protection throughput	2,000 Mbps	2,770 Mbps
Concurrent connections	12,260,000	13,700,000
New connections/sec	186,500	257,800
IPsec VPN throughput	-	-
Xstream SSL/TLS Inspection	2,470 Mbps	3,130 Mbps
Xstream SSL/TLS Concurrent connections	55,296	102,400

Note: For performance testing methodology see [page 12](#)

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 GbE 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 GbE copper 8 port GbE SFP fiber 4 port 10 GbE SFP+ fiber 4 port GbE copper bypass (2 pairs) 4 port GbE copper PoE + 4 port GbE copper 4 port 2.5 GbE copper PoE
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

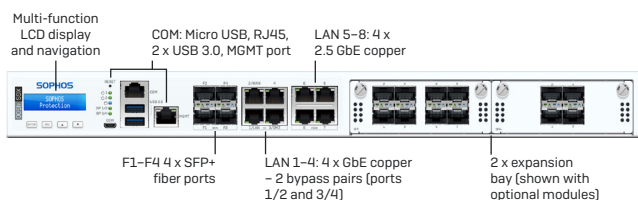
* Transceivers (mini GBICs) sold separately

Sophos XGS Series 1U: Distributed Edge

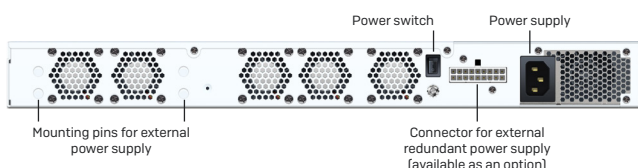
XGS 4300, XGS 4500

Technical Specifications

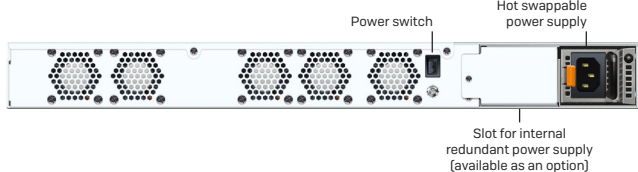
Front View



Back View XGS 4300



Back View XGS 4500



Physical specifications

Mounting	1U rackmount (sliding rails incl.)
Dimensions Width x Height x Depth	438 x 44 x 510 mm
Weight	XGS 4300: 8.7 kg/19.18 lbs (unpacked) XGS 4500: 9.7 kg/21.38 lbs (unpacked) XGS 4300: 14.9 kg/32.85 lbs (packed) XGS 4500: 15.9 kg/35.05 lbs (packed)

Environment

Power supply	XGS 4300: Internal auto-ranging DC 100-240VAC, 3.7-7.4A@50-60 Hz External Redundant PSU Option XGS 4500: Internal Hot Swappable auto-ranging DC 100-240VAC, 3.7-7.4A@50-60 Hz Internal Redundant PSU Option
Power consumption	4300: 131 W/447.43 BTU/hr (idle) 4500: 151 W/515.74 BTU/hr (idle) 4300: 268.35 W/916.56 BTU/hr (max.) 4500: 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, UL, FCC, ISSED, VCCI, CCC*, KC, BSMI*, RCM, NOM, Anatel*
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* Certification may not be available from launch

Performance	XGS 4300*	XGS 4500*
Firewall throughput	75,000 Mbps	80,000 Mbps
Firewall IMIX	33,000 Mbps	37,000 Mbps
Firewall Latency (64 byte UDP)	3 µs	4 µs
IPS throughput	25,000 Mbps	35,690 Mbps
Threat Protection throughput	4,800 Mbps	8,390 Mbps
Concurrent connections	16,600,000	17,200,000
New connections/sec	368,000	450,000
IPsec VPN throughput	-	-
Xstream SSL/TLS Inspection	8,000 Mbps	10,600 Mbps
Xstream SSL/TLS Concurrent connections	276,480	276,480

* Expected soon

Note: For performance testing methodology see [page 12](#)

Physical interfaces

Storage (local quarantine/logs)	XGS 4300: 1 x min. 240 GB SATA-III SSD XGS 4500: 2 x min. 240 GB SATA-III SSD (SW RAID-1)
Ethernet interfaces (fixed)	4 x GbE copper 4 x 2.5 GbE copper 4 x SFP+ 10 GbE 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) 1 x USB 2.0 (rear)
Number of Flexi Port slots	2
Flexi Port modules (optional)	8 port GbE copper 8 port GbE SFP fiber 4 port 10 GbE SFP+ fiber 4 port GbE copper bypass (2 pairs) 4 port GbE copper PoE + 4 port GbE copper 4 port 2.5 GbE copper PoE
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 (mini GBICs) sold separately