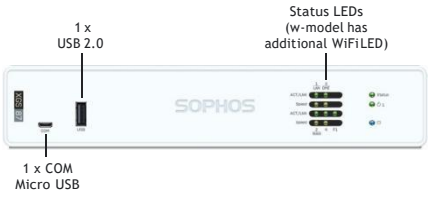
XGS 87 and XGS 87w

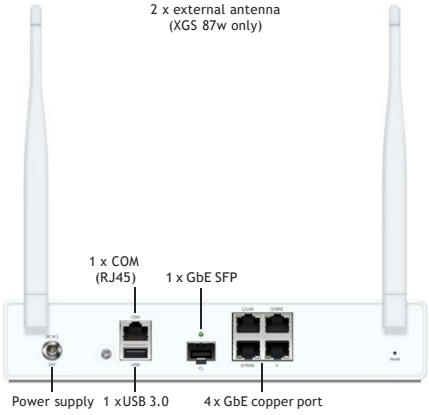
Technical Specifications

Note: The XGS 87 and 87w 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 107(w) is recommended.

Front View



Back View



Physical specifications	
Mounting	Rackmount kit available (to be ordered separately)
Dimensions Width x Height x Depth	230 x 44 x 205.5 mm
Weight	1.36 kg/3 lbs (unpacked) 2.75 kg/6.06 lbs (packed) (w-model minimally more)

Environment	
Power supply	External auto-ranging AC-DC 100-240VAC, 1.7A@50-60 Hz 12VDC, 5A, 60W
Power consumption	23.2 W / 79.16 BTU/hr (87) (idle) 27.1 W / 92.13 BTU/hr (87w) (idle) 43.4 W / 148.09 BTU/hr (87) (max.) 46.8 W / 159.69 BTU/hr (87w) (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, NOM, Anatel (87 only)

Performance	*XGS 87(w)*
Firewall throughput	3,700 Mbps
Firewall IMIX	2,500 Mbps
Firewall Latency (64 byte UDP)	6 µs
IPS throughput	1,015 Mbps
Threat Protection throughput	240 Mbps
Concurrent connections	1,600,000
New connections/sec	35,700
IPsec VPN throughput	750 Mbps
Xstream SSL/TLS Inspection	375 Mbps
Xstream SSL/TLS Concurrent connections	8,192

Note: For performance testing methodology see page 12

Wireless Specification (XGS 87w only)	
No. of antennas	2 external
MIMO capabilities	2 x 2:2
Wireless interface	802.11a/b/g/n/ac (2.4 GHz / 5 GHz)

Physical interfaces	
Storage	16 GB eMMC
Ethernet interfaces (fixed)	4 x GbE 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	SFP DSL module (VDSL2) SFP transceivers

* SFP transceivers sold separately