

# Sophos XGS Series Desktop: SMB and Branch Office

## Gen.1: XGS 87 and XGS 87w

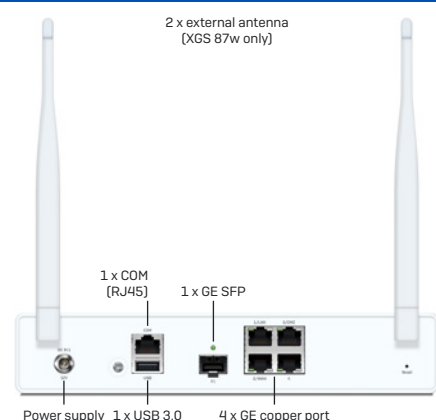
### Technical specifications

**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

<b>Mounting</b>	Rackmount kit available (to be ordered separately)
<b>Dimensions: Width X height X depth</b>	230 x 44 x 205.5 mm
<b>Weight</b>	1.36 kg/3 lbs (unpacked) 2.75 kg/6.06 lbs (packed) (w-model minimally more)

#### Environment

<b>Power supply</b>	External auto-ranging AC-DC 100-240VAC, 1.7A@50-60 Hz 12VDC, 5A, 60W
<b>Power consumption</b>	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.)
<b>Operating temperature</b>	0°C to 40°C (operating) -20°C to +70°C (storage)
<b>Humidity</b>	10% to 90%, non-condensing

#### Product Certifications

<b>Certifications</b>	CB, CE, UKCA, UL, FCC, ISSED, VCCI, CCC, KC*, BSMI, RCM, NOM, Anatel*, TEC
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\* XGS 87 only

Performance	XGS 87(w)
Firewall throughput	3,850 Mbps
Firewall IMIX	3,000 Mbps
Firewall Latency (64 byte UDP)	6 µs
IPS throughput	1,200 Mbps
Threat protection throughput	850 Mbps
NGFW	700 Mbps
Concurrent connections	1,600,000
New connections/sec	35,700
IPsec VPN throughput	3,000 Mbps
IPsec VPN concurrent tunnels	500
SSL VPN concurrent tunnels	500
Xstream SSL/TLS Inspection	375 Mbps
Xstream SSL/TLS concurrent connections	8,192

Note: For performance testing methodology, see [page 10](#)

#### Wireless Specification (XGS 87w only)

No. of antennas	2 external
MIMO capabilities	2 x 2:2
Wireless interface	Wi-Fi 5 (802.11ac) 2.4 GHz/5 GHz

#### Physical Interfaces

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

\* SFP transceivers sold separately