

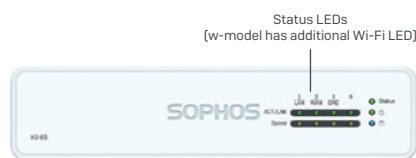
# Sophos XG Series Desktop Appliances: XG 85 and XG 85w

## Technical Specifications

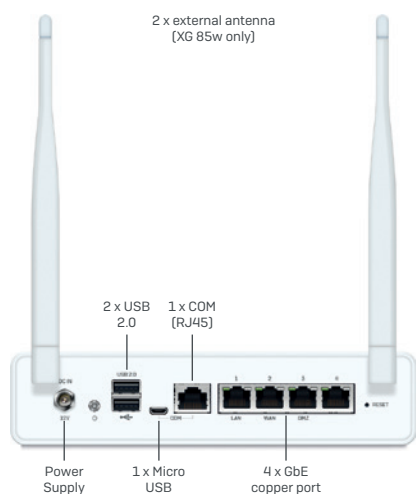
These entry-level desktop firewalls are the ideal choice for budget-conscious small businesses, retail and small or home offices. They are available with and without integrated 802.11ac wireless LAN, so you can have an all-in-one network security and hotspot solution without the need for additional hardware. The Intel dual-core technology makes them highly efficient and as they're fanless, they won't add unwanted noise to your office space.

**Note:** The XG 85 and 85w 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 XG 105(w) is recommended.

### Front View



### Back View



### Environment

<b>Power consumption</b>	12W, 40.94 BTU/hr (idle) 20.4W, 69.6 BTU/hr (full load)
<b>Operating temperature</b>	0-40°C (operating) -20 to +80°C (storage)
<b>Humidity</b>	10%-90%, non-condensing

### Product Certifications

<b>Certifications</b>	CB, UL, CE, FCC, ISED, VCCI, MIC (Japan), RCM, CCC, KC Planned: BIS
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### Performance<sup>1</sup>

	<b>XG 85(w) Rev. 3</b>
<b>Firewall throughput</b>	3 Gbps
<b>Firewall IMIX</b>	800 Mbps
<b>VPN throughput</b>	225 Mbps
<b>IPS throughput</b>	580 Mbps
<b>NGFW (IPS + App Ctrl) max.</b>	310 Mbps
<b>Antivirus throughput (proxy)</b>	360 Mbps
<b>Concurrent connections</b>	3,200,000
<b>New connections/sec</b>	15,000
<b>Maximum licensed users</b>	unrestricted

### Wireless Specification (XG 85w only)

<b>No. of antennas</b>	2 external
<b>MIMO capabilities</b>	2 x 2:2
<b>Wireless interface</b>	802.11a/b/g/n/ac (2.4 GHz / 5 GHz)

### Physical interfaces

<b>Storage</b>	8 GB eMMC
<b>Ethernet interfaces (fixed)</b>	4 GbE copper
<b>I/O ports (rear)</b>	2 x USB 2.0 1 x Micro-USB 1 x COM (RJ45)
<b>Power supply</b>	External auto ranging DC: 12V, 100-240VAC, 24W@50-60 Hz

### Physical specifications

<b>Mounting</b>	Rackmount kit available (to be ordered separately)
<b>Dimensions Width x Depth x Height</b>	190 x 117 x 43 mm 748 x 4.61 x 1.69 inches
<b>Weight</b>	0.75 kg / 1.65 lbs (unpacked) 1.9 kg / 4.19 lbs (packed) (w model minimally higher)