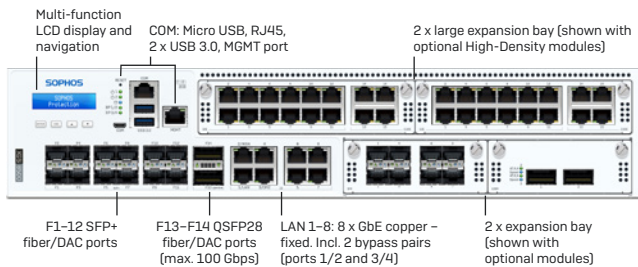


# Sophos XGS Series 2U: Enterprise/Campus Edge

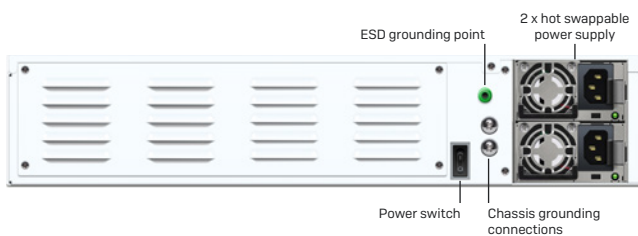
## XGS 8500

### Technical Specifications

#### Front View



#### Back View



#### Physical Specifications

<b>Mounting</b>	2U sliding rails (included)
<b>Dimensions</b> Width x Height x Depth	438 x 88 x 645 mm 17.24 x 3.46 x 25.39 inches
<b>Weight</b>	18 kg/39.68 lbs (unpacked) 27.3 kg/60.19 lbs (packed)

#### Environment

<b>Power supply</b>	2 x hot-swap internal auto-ranging 100-240VAC, 50-60 Hz PSU
<b>Power consumption</b>	318 W/1,085 BTU/h (idle) 645 W/2,200 BTU/h (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, ISED, VCCI, BSMI, RCM, NOM, KC, SDPPI, Anatel, CCC. Planned: TEC
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Performance	XGS 8500
Firewall throughput	190,000 Mbps
Firewall IMIX	81,000 Mbps
Firewall Latency (64 byte UDP)	5.5 $\mu$ s
IPS throughput	93,000 Mbps
Threat Protection throughput	34,000 Mbps
NGFW	76,000 Mbps
Concurrent connections	58,000,000
New connections/sec	1,700,000
IPsec VPN throughput	141,000 Mbps
IPsec VPN concurrent tunnels	15,000
SSL VPN concurrent tunnels	24,000
Xstream SSL/TLS Inspection	24,000 Mbps
Xstream SSL/TLS concurrent connections	2,500,000

Note: For performance testing methodology, see [page 11](#)

#### Physical Interfaces

<b>Storage [local quarantine/logs]</b>	2 x min. 960 GB NVMe SSD HW RAID built into CPU
<b>Ethernet interfaces (fixed)</b>	8 x GbE copper 12 x SFP+ 10 GbE fiber* 2 x QSFP28 (up to 100 Gbps)
<b>Bypass port pairs</b>	2
<b>Management ports</b>	1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)
<b>Other I/O ports</b>	2 x USB 3.0 (front)
<b>Number of Flexi Port slots</b>	2 + 2 for high-density module
<b>Flexi Port modules (optional)</b>	8 port GbE copper 8 port GbE SFP fiber 4 port 10 GbE SFP+ fiber 4 port GbE copper bypass (2 pairs) 2 port 40 GbE QSFP+ fiber 8 port 10 GbE SFP+ fiber 2 port GbE Fiber (LC) bypass + 4 port GbE SFP Fiber 2 port 10 GbE Fiber (LC) bypass + 4 port 10 GbE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper
<b>Max. total port density [incl. use of modules]</b>	70
<b>Optional add-on connectivity</b>	SFP DSL module (VDSL2) SFP/SFP+ Transceivers
<b>Display</b>	Multi-function LCD module

\* Transceivers (mini GBICs) sold separately