

SG Series Appliances: SG 430, SG 450

Technical Specifications

The Sophos SG 430 and SG 450 offer enterprise performance for distributed organizations or larger mid-sized companies. The connectivity options are second to none for rack mountable appliances, with each model coming equipped with a removable 8 GbE copper port module and 2 additional FleXi Port slots which you can configure with your choice of optional modules. For high-availability, the SG 450 also offers unparalleled redundancy features in a 1U appliance with a second SSD (RAID) integrated and an optional second power supply available.

Front View	Performance	SG 430	SG 450
	Firewall throughput	25 Gbps	27 Gbps
	VPN throughput	4 Gbps	5 Gbps
	IPS throughput	7 Gbps	8 Gbps
	Antivirus throughput (proxy)	2 Gbps	2.5 Gbps
	Concurrent connections	8,000,000	8,000,000
	New connections/sec	130,000	140,000
	Maximum licensed users	unrestricted	unrestricted
Back View SG 430	Physical interfaces		
	Hard drive (local quarantine/logs)	integrated SSD	integrated SSD x2
	Ethernet interfaces (removable)	8 GE copper	8 GE copper
	No. of FleXi Port slots	3	3
	FleXi Port modules (optional)	8 port GE copper 8 port GE SFP 2 port 10 GE SFP+	8 port GE copper 8 port GE SFP 2 port 10 GE SFP+
	I/O ports	2 x USB 3.0 (front) 1 x USB 2.0 (rear) 1 x COM (RJ45) (front) 1 x VGA (rear)	2 x USB 3.0 (front) 1 x USB 2.0 (rear) 1 x COM (RJ45) (front) 1 x VGA (rear)
	Display	Multi-function LCD module	Multi-function LCD module
	Power supply	Internal auto-ranging 110-240VAC, 50-60 Hz	Internal auto-ranging 110-240VAC, 50-60 Hz Hot Swap Redundant PSU optional

Physical specifications		Environment	
Mounting	1U sliding rails (included)	Power consumption	SG 430: 23W, 78 BTU/hr (idle) 123W, 419 BTU/hr (full load) SG 450: 22W, 75 BTU/hr (idle) 125W, 429 BTU/hr (full load)
Dimensions Width x Depth x Height	438 x 483 x 44mm 17.24 x 19 x 1.75 inches	Operating temperature	0-40°C (operating) -20 to +80°C (storage)
Weight	SG 430: 9.5 kg / 20.94 lbs (unpacked) 12.3 kg / 27.11 lbs (packed) SG 450: 10.5 kg / 23.15 lbs (unpacked) 13.3 kg / 29.32 lbs (packed)	Humidity	10%-90%, non-condensing

Safety Certifications	
Certifications	CE, FCC Class A, CB, VCCI, C-Tick, UL, CCC