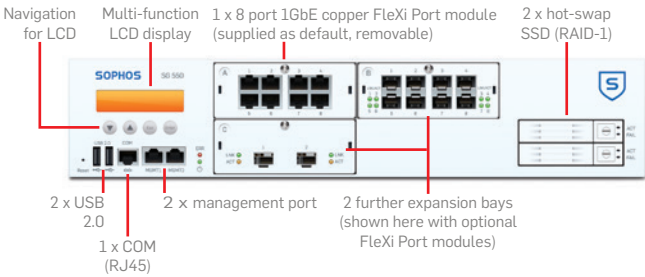
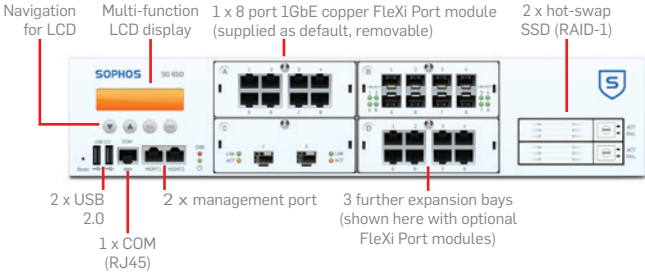
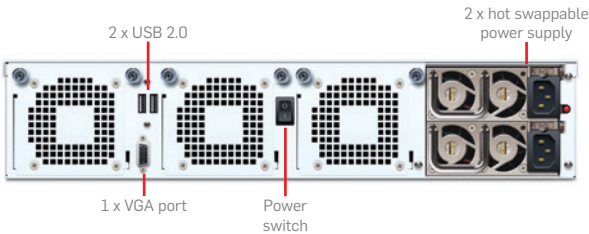


SG Series Appliances: SG 550, SG 650

Technical Specifications

The Sophos SG 550 and SG 650 are high-performance firewalls equipped to provide protection for larger distributed organizations and data center environments. They offer the fastest Intel CPU technology available today to effortlessly handle use as an all-in-one solution or a powerful next-generation firewall. The models offer either 3 (SG 550) or 4 (SG 650) FleXi Port expansion bays to tailor your connectivity to your environment. An 8 port GbE copper module is supplied as a default. Hot-swappable dual SSDs and power supplies are standard redundancy features in this class. Cluster up to 10 of these appliances for larger deployments or simply add an additional appliance as a failover for high availability.

Front View SG 550		Performance		
		Firewall throughput	40 Gbps	60 Gbps
		VPN throughput	8 Gbps	10 Gbps
		IPS throughput	12 Gbps	16 Gbps
		Antivirus throughput (proxy)	3.5 Gbps	5 Gbps
		Concurrent connections	12,000,000	20,000,000
		New connections/sec	200,000	220,000
		Maximum licensed users	unrestricted	unrestricted
Front View SG 650		Physical interfaces		
		Hard drive (local quarantine/logs)	2 x integrated hot-swap SSD (RAID)	2 x integrated hot-swap SSD (RAID)
		Ethernet interfaces (removable)	8 GE copper	8 GE copper
		No. of FleXi Port slots	3	4
		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+
Back View		I/O ports	2 x USB 2.0 (front) 2 x USB 2.0 (rear) 2 x Mgmt Port (eth0/eth1, front) 1 x COM (RJ45) (front) 1 x VGA (rear)	2 x USB 2.0 (front) 2 x USB 2.0 (rear) 2 x Mgmt Port (eth0/eth1, front) 1 x COM (RJ45) (front) 1 x VGA (rear)
		Display	Multi-function LCD module	Multi-function LCD module
		Power supply	2 x hot-swap internal auto-ranging 100-240VAC, 48-62 Hz PSU	2 x hot-swap internal auto-ranging 100-240VAC, 48-62 Hz PSU
Physical specifications		Environment		
Mounting	2U sliding rails (included)	Power consumption	221.44W, 755.11 BTU/hr (idle) 335.4W, 1143.71 BTU/hr (full load)	
Dimensions Width x Depth x Height	432.4 x 580 x 88 mm 17.02 x 22.83 x 3.46 inches	Operating temperature	0-40°C (operating) -20 to +75°C (storage)	
Weight	18.54 kg / 40.87 lbs (unpacked) 28.8 kg / 63.49 lbs (packed)	Humidity	10%-90%, non-condensing	
Safety Certifications				
Certifications	CE, FCC Class A, CB, VCCI, C-Tick, UL, CCC			