

SD-RED

Sophos SD-RED: Empowering your SD-WAN strategy

Sophos has long been a pioneer in providing an easy-to-use and secure way to connect branch offices and other remote locations. Sophos Firewall includes comprehensive SD-WAN features to help you accelerate application performance and get better visibility into network health to ensure that your remote locations enjoy the same performance as your main office.

Our SD-RED devices work with your Sophos Firewall independent of whether you have a hardware, software, or public cloud deployment. Our APX Series access points are also compatible with Sophos SD-RED.

To manage Sophos SD-RED, you need to have an active Network Protection subscription on your firewall.

Technical specifications

Model	SD-RED 20	SD-RED 60
Capacity		
Maximum tunnel throughput	250 Mbps	850 Mbps
Physical interfaces [Built-in]		
LAN interfaces	4 x 10/100/1000 Base-TX [1 GE copper]	4 x 10/100/1000 Base-TX [1 GE copper]
WAN interfaces	1 x 10/100/1000 Base-TX [shared with SFP]	2 x 10/100/1000 Base-TX [WAN1 shared port with SFP]
SFP interfaces	1x SFP fiber [shared port with WAN]	1x SFP fiber [shared port with WAN1]
Power-over-Ethernet ports	None	2 PoE ports [total power 30W]
USB ports	2 x USB 3.0 [front and rear]	2 x USB 3.0 [front and rear]
COM ports	1 x micro-USB	1 x micro-USB
Optional Connectivity		
Modular bay	1 [for use with optional Wi-Fi OR 4G/LTE card]	1 [for use with optional Wi-Fi OR 4G/LTE card]
Optional Wi-Fi module	Wi-Fi 5 (802.11ac) dual-band capable 2 x 2 MIMO 2 antennas	Wi-Fi 5 (802.11 ac) dual-band capable 2 x 2 MIMO 2 antennas
Optional 3G/4G LTE module	MC7430/MC7455 Sierra Wireless Card	MC7430/MC7455 Sierra Wireless Card
Physical Specifications		
Dimensions: Width x height x depth	225 x 44 x 150 mm 8.86 x 1.73 x 5.91 inches	225 x 44 x 150 mm 8.86 x 1.73 x 5.91 inches
Weight	0.9 kg/1.8 kg [1.98 lbs/3.97 lbs] Unpacked/Packed	1.0 kg/2.2 kg [2.2 lbs/4.85 lbs] Unpacked/Packed
Power supply adapter	AC Input: 110-240VAC @50-60 Hz DC Output: 12V +/- 10%, 3.7A, 40W	AC Input: 110-240VAC @50-60 Hz DC Output: 12V +/- 10%, 6.95A, 75W
Power redundancy support	Yes, optional second power supply	Yes, optional second power supply
Power consumption	6.1W, 20.814 BTU [idle] 22.6W, 77.114 BTU [full load]	11.88W, 40.536 BTU/h [idle] 25.33W, 86.429 BTU/h [full load without PoE] 62.48W, 213.190 BTU/h [full load with PoE]
Temperature [operational]	0°C to 40°C [32°F to 104°F]	0°C to 40°C [32°F to 104°F]
Temperature [storage]	-20°C to 70°C [-4°F to 158°F]	-20°C to 70°C [-4°F to 158°F]
Humidity	10% to 90%, non-condensing	10% to 90%, non-condensing
Safety Regulations		
Certifications [safety, EMC, radio]	CE/FCC/IC/RCM/VCCI/CB/UL/CCC/KC/ANATEL	CE/FCC/IC/RCM/VCCI/CB/UL/CCC/KC/ANATEL

See sophos.com/compare-xgs for further technical details.