

Sophos Firewall XGS Series Appliances

Desktop - SMB and Branch Office

Technical Specifications

Model	XGS 87(w)	XGS 107(w)	XGS 116(w)	XGS 126(w)	XGS 136(w)
Form Factor	Desktop	Desktop	Desktop	Desktop	Desktop
CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU
Memory	4 GB DDR4	4 GB DDR4	4 GB DDR4	6 GB DDR4	8 GB DDR4
Xstream Flow Processor (NPU)	Marvell NPU	Marvell NPU	Marvell NPU	Marvell NPU	Marvell NPU
Memory	2 GB DDR4	2 GB DDR4	4 GB DDR4	4 GB DDR4	4 GB DDR4
SSD/size	16 GB eMMC	64 GB M.2	64 GB M.2	64 GB M.2	64 GB M.2
RAID Support	None	None	None	None	None
Ethernet Interfaces					
Fixed ports Total	4 x GE copper 1 SFP fiber	8 x GE copper 1 x SFP fiber	8 x GE copper 1 x SFP fiber	12 x GE copper 2 x SFP fiber	10 x GE copper 2 x 2.5GE copper 2 x SFP fiber
Fixed PoE Ports	0	0	1 x GE (30W max.)	2 x GE (30W max. per port)	2 x 2.5 GE (30W max. per port)
Expansion Slots	None	None	1	1	1
Connectivity modules (optional) (modules are supplied with antennas)	None	None	3G/4G module 2nd Wi-Fi 5/802.11ac module (for XGS 116w)	3G/4G module 2nd Wi-Fi 5/802.11ac module (for XGS 126w)	3G/4G module 2nd Wi-Fi 5/802.11ac module (for XGS 136w)
Internal Wi-Fi-Card (for w-models)	Wi-Fi 5/802.11ac 2x2 dual band selectable full-size mini PCIe card 2 antennas	Wi-Fi 5/802.11ac 2x2 dual band selectable full-size mini PCIe card 2 antennas	Wi-Fi 5/802.11ac 2x2 dual band selectable full-size mini PCIe card 2 antennas	Wi-Fi 5/802.11ac 3x3 dual band selectable full-size mini PCIe card 3 antennas	Wi-Fi 5/802.11ac 3x3 dual band selectable full-size mini PCIe card 3 antennas
Redundant Power Supply	None	optional external	optional external	optional external	optional external
Mgmt Ports	1 x COM RJ45 1 x COM Micro-USB (cable included)	1 x COM RJ45 1 x COM Micro-USB (cable included)	1 x COM RJ45 1 x COM Micro-USB (cable included)	1 x COM RJ45 1 x COM Micro-USB (cable included)	1 x COM RJ45 1 x COM Micro-USB (cable included)
Video port	None	None	None	None	None
Other I/O	1 x USB 2.0 (front) 1 x USB 3.0 (rear)	1 x USB 2.0 (front) 1 x USB 3.0 (rear)	1 x USB 2.0 (front) 1 x USB 3.0 (rear)	1 x USB 2.0 (front) 1 x USB 3.0 (rear)	1 x USB 2.0 (front) 1 x USB 3.0 (rear)
Physical Specifications					
Dimensions (mm) WxDxH	230 x 205.5 x 44 mm	230 x 205.5 x 44 mm	320 x 213 x 44 mm	320 x 213 x 44 mm	320 x 213 x 44 mm
Weight (kg/lbs) unpacked/packed	1.36 kg / 3 lbs (unpacked) 2.75 kg / 6.06 lbs (packed)	1.4 kg / 3.09 lbs (unpacked) 2.8 kg / 6.17 lbs (packed)	2.2 kg / 4.85 lbs (unpacked) 4.2 kg / 9.26 lbs (packed)	2.4 kg / 5.29 lbs (unpacked) 4.4 kg / 9.70 lbs (packed)	2.4 kg / 5.29 lbs (unpacked) 4.4 kg / 9.70 lbs (packed)
Power					
AC Power supply	External auto-ranging AC-DC 100-240VAC, 1.7A@50-60 Hz 12VDC 5A 60W	External auto-ranging AC-DC 100-240VAC, 1.7A@50-60 Hz 12VDC 5A 60W	External auto-ranging AC-DC 100-240VAC, 2.5A@50-60 Hz 12VDC 12.5A 150W	External auto-ranging AC-DC 100-240VAC, 2.5A@50-60 Hz 12VDC 12.5A 150W	External auto-ranging AC-DC 100-240VAC, 2.5A@50-60 Hz 12VDC 12.5A 150W
AC Power consumption [idle - typical]	23.2 W / 79.16 BTU/hr (87) 27.1 W / 92.13 BTU/hr (87w)	26.1 W / 89.06 BTU/hr (107) 29.8 W / 101.68 BTU/hr (107w)	28 W / 96 BTU/hr (116) 30 W / 102 BTU/hr (116w)	30 W / 102 BTU/hr (126) 32 W / 109 BTU/hr (126w)	30 W / 102 BTU/hr (136) 32 W / 109 BTU/hr (136w)
AC Power consumption [full load - typical]	43.4 W / 148.09 BTU/hr (87) 46.8 W / 159.69 BTU/hr (87w)	53.9 W / 183.91 BTU/hr (107) 57.3 W / 195.52 BTU/hr (107w)	57 W / 195 BTU/hr (116) 60 W / 205 BTU/hr (116w)	59 W / 202 BTU/hr (126) 62 W / 212 BTU/hr (126w)	62 W / 212 BTU/hr (136) 65 W / 222 BTU/hr (136w)
AC Power [Max PoE Enabled] Addition	None	None	38 W / 130 BTU/hr	76 W / 260 BTU/hr	76 W / 260 BTU/hr
Environment					
Noise level [avg.] [Typical / Max Operation]	31/40 dBA	31/40 dBA	29/43 dBA	29/43 dBA	29/43 dBA
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Storage Temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
Humidity [non-condensing]	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Certifications					
Certifications [Safety, EMC, RF] available for GA	CB, CE, UL, FCC, ISED, VCCI, CCC, KC, BSMI, RCM, NOM, Anatel	CB, CE, UL, FCC, ISED, VCCI, CCC, KC, BSMI, RCM, NOM, Anatel	CB, CE, UL, FCC, ISED, VCCI, CCC, BSMI, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, CCC, BSMI, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, CCC, BSMI, RCM, NOM
Certifications [Safety, EMC, RF] Post GA	-	-	Anatel, KC	Anatel, KC	Anatel, KC
MTBF (hours)	230,000 (XGS 87) 190,000 (XGS 87w)	185,000 (XGS 107) 160,000 (XGS 107w)	210,107 (XGS 116) 193,047 (XGS 116w)	200,091 (XGS 126) 184,003 (XGS 126w)	200,091 (XGS 136) 184,003 (XGS 136w)

Last updated: 15-APRIL-2021

Sophos Firewall

XGS Series Appliances

1U - Distributed Edge

Technical Specifications

Model	XGS 2100	XGS 2300	XGS 3100	XGS 3300	XGS 4300	XGS 4500
Form Factor	1U Short	1U Short	1U Short	1U Short	1U Long	1U Long
CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU	x86 AMD CPU
Memory	8 GB (2400) DDR4	8 GB (2400) DDR4	12 GB (2666) DDR4	16 GB (2666) DDR4	32 GB (2666) DDR4 ECC	32 GB (2666) DDR4 ECC
Xstream Flow Processor (NPU)	Marvell NPU	Marvell NPU	Marvell NPU	Marvell NPU	Marvell NPU	Marvell NPU
Memory	4 GB DDR4	4 GB DDR4	4 GB DDR4	4 GB DDR4	8 GB DDR4 ECC	8 GB DDR4 ECC
SSD/Size	1x min. 120 GB SATA-III	1x min. 120 GB SATA-III	1x min. 240 GB SATA-III	1x min. 240 GB SATA-III	1x min. 240 GB SATA-III	2x min. 240 GB SATA-III
RAID Support	None	None	None	None	None	SW RAID-1
Ethernet Interfaces						
Fixed ports	8 x GE copper 2 x SFP-Fiber	8 x GE copper 2 x SFP-Fiber	8 x GE copper 2 x SFP-GE Fiber 2 x SFP+ 10 GE Fiber	8 x GE copper 2 x SFP-GE Fiber 2 x SFP+ 10 GE Fiber	4 x GE copper 4 x 2.5 GE copper 4 x SFP+ 10 GE F-bler	4 x GE copper 4 x 2.5 GE copper 4 x SFP+ 10 GE Fiber
Fixed bypass port pairs	1	1	1	1	2	2
Flexi Ports						
Number of Flexi Port Bays	1	1	1	1	2	2
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP-Fiber 4 port 1.0GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 4 port 2.5 GE copper PoE	8 port GE copper 8 port GE SFP-Fiber 4 port 1.0GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 4 port 2.5 GE copper PoE	8 port GE copper 8 port GE SFP-Fiber 4 port 1.0GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 4 port 2.5 GE copper PoE	8 port GE copper 8 port GE SFP-Fiber 4 port 1.0GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 4 port 2.5 GE copper PoE	8 port GE copper 8 port GE SFP-Fiber 4 port 1.0GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 4 port 2.5 GE copper PoE	8 port GE copper 8 port GE SFP-Fiber 4 port 1.0GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 4 port GE copper PoE + 4 port GE copper 4 port 2.5 GE copper PoE
Max total port density (incl. optional modules)	18	18	20	20	28	28
Max PoE using Flexi Port Module	1x Module, 4 Ports, 60W Max	1x Module, 4 Ports, 60W Max	1x Module, 4 Ports, 60W Max	1x Module, 4 Ports, 60W Max	2x Module, 4 Ports, 60W Max Each	2x Module, 4 Ports, 60W Max Each
Redundant Power Supply	optional external	optional external	optional external	optional external	optional external	optional internal
Mgmt Ports	1 x RJ45 MGMT 1 x CDM RJ45 1 x CDM Micro-USB	1 x RJ45 MGMT 1 x CDM RJ45 1 x CDM Micro-USB	1 x RJ45 MGMT 1 x CDM RJ45 1 x CDM Micro-USB	1 x RJ45 MGMT 1 x CDM RJ45 1 x CDM Micro-USB	1 x RJ45 MGMT 1 x CDM RJ45 1 x CDM Micro-USB	1 x RJ45 MGMT 1 x CDM RJ45 1 x CDM Micro-USB
Video port	none	none	none	none	none	none
Other I/O	2 x USB 3.0 (front) 1 x USB 2.0 (rear)	2 x USB 3.0 (front) 1 x USB 2.0 (rear)	2 x USB 3.0 (front) 1 x USB 2.0 (rear)	2 x USB 3.0 (front) 1 x USB 2.0 (rear)	2 x USB 3.0 (front)	2 x USB 3.0 (front)
Physical Specifications						
Dimensions (mm) WxDxH	438 x 405 x 44 mm 17.24 x 15.94 x 1.73 inches	438 x 405 x 44 mm 17.24 x 15.94 x 1.73 inches	438 x 405 x 44 mm 17.24 x 15.94 x 1.73 inches	438 x 405 x 44 mm 17.24 x 15.94 x 1.73 inches	438 x 510 x 44 mm 17.24 x 20.08 x 1.73 inches	438 x 510 x 44 mm 17.24 x 20.08 x 1.73 inches
Weight (kg/lbs) unpacked/packed	4.7 kg / 10.36 lbs (unpacked) 7 kg / 15.43 lbs (packed)	4.7 kg / 10.36 lbs (unpacked) 7 kg / 15.43 lbs (packed)	4.7 kg / 10.36 lbs (unpacked) 7 kg / 15.43 lbs (packed)	4.7 kg / 10.36 lbs (unpacked) 7 kg / 15.43 lbs (packed)	8.7 kg / 19.18 lbs (unpacked) 14.9 kg / 32.85 lbs (packed)	9.7 kg / 21.38 lbs (unpacked) 15.9 kg / 35.05 lbs (packed)
Power						
Power supply	Internal auto-ranging AC-DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option	Internal auto-ranging AC-DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option	Internal auto-ranging AC-DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option	Internal auto-ranging AC-DC 100-240VAC, 3-6A@50-60 Hz External Redundant PSU Option	Internal auto-ranging AC-DC 100-240VAC, 3-7.7A@50-60 Hz External Redundant PSU Option	Internal Hot Swappable auto-ranging AC-DC 100-240VAC, 3-7.7A@50-60 Hz Internal Redundant PSU Option
AC Power consumption (Idle - Typical)	43 W / 146.86 BTU/hr	45 W / 153.7 BTU/hr	50 W / 170.77 BTU/hr	50 W / 170.77 BTU/hr	131 W / 447.43 BTU/hr	151 W / 515.74 BTU/hr
AC Power consumption (Full Load - Typical)	162 W / 533.5 BTU/hr	167 W / 570.74 BTU/hr	182 W / 621.97 BTU/hr	201 W / 686.68 BTU/hr	268.35 W / 916.56 BTU/hr	268.35 W / 916.56 BTU/hr
AC Power (Max PoE Enabled) Addition	76 W / 260 BTU/hr	76 W / 260 BTU/hr	76 W / 260 BTU/hr	76 W / 260 BTU/hr	152 W / 519 BTU/hr	152 W / 519 BTU/hr
Environment						
Noise level (avg.) (Typical / Max Operation)	34.9 / 43.6 dBA	34.9 / 43.6 dBA	34.9 / 43.6 dBA	34.9 / 43.6 dBA	54 / 65 dBA	54 / 65 dBA
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Storage Temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
Humidity (non-condensing)	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Certifications						
Certifications (Safety, EMC) available for GA	CB, CE, UL, FCC, ISED, VCCI, KC, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, KC, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, KC, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, KC, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, KC, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, KC, RCM, NOM
Certifications (Safety, EMC) Post GA	Anatel, CCC, BSMI	Anatel, CCC, BSMI	Anatel, CCC, BSMI	Anatel, CCC, BSMI	Anatel, CCC, BSMI	Anatel, CCC, BSMI
MTBF (hours)	110,442	110,442	110,058	109,676	126,297	130,415

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Sophos Firewall XGS Series Appliances

2U - Enterprise Edge

Technical Specifications

Model	XGS 5500	XGS 6500
Form Factor	2U	2U
CPU	x86 AMD CPU	x86 AMD CPU
Memory	64 GB DDR4 ECC 2666	80 GB DDR4 ECC 2666
Xstream Flow Processor (NPU)	Marvell NPU	Marvell NPU
Cores	24	24
Clock Frequency	2.2 GHz	2.4 GHz
Memory	12 GB DDR4 ECC	12 GB DDR4 ECC
SSD/size	2 x min. 480 GB	2 x min. 480 GB
RAID Support	HW RAID Built into CPU	HW RAID Built into CPU
Ethernet Interfaces		
Fixed ports	8 x GE copper 8 x SFP+ 10 GE Fiber	8 x GE copper 12 x SFP+ 10 GE Fiber
Fixed bypass port pairs	2	2
Flexi Ports		
Number of Flexi Port Bays	2 + 1 for High-density module	2 + 2 for High-density modules
Flexi Port modules (optional)	8 port GE copper 8 port GE SFP Fiber 4 port 10GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 2 port 40 GE QSFP+ Fiber 8 port 10 GE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper	8 port GE copper 8 port GE SFP Fiber 4 port 10GE SFP+ Fiber 4 port GE copper bypass (2 pairs) 2 port 40 GE QSFP+ Fiber 8 port 10 GE SFP+ Fiber High-density module (NIC): 12 port GE copper + 4 port 2.5 GE copper
Max total density (incl. optional modules)	48	68
Max PoE using Flexi Port Module	not available	not available
Redundant Power Supply	internal	internal
Mgmt Ports	1 x RJ45 MGMT 1 x COM RJ45 1 x COM Micro-USB	1 x RJ45 MGMT 1 x COM RJ45 1 x COM Micro-USB
Video port	none	none
Other I/O	2 x USB 3.0 (front)	2 x USB 3.0 (front)
Physical Specifications		
Dimensions (mm) WxDxH	438 x 660 x 88 mm 17.24 x 25.98 x 3.46 inches	438 x 660 x 88 mm 17.24 x 25.98 x 3.46 inches
Weight (kg/lbs) unpacked/packed	17.8 kg / 39.24 lbs (unpacked) 27 kg / 59.53 lbs (packed)	17.8 kg / 39.24 lbs (unpacked) 27 kg / 59.53 lbs (packed)
Power		
Power supply	1+1 Internal auto- ranging 100-240VAC, 50-60 Hz hot swap	1+1 Internal auto- ranging 100-240VAC, 50-60 Hz hot swap
Power consumption (idle - typical)	168.0W / 573.81 BTU/h	188.00 W / 642.13 BTU/h
Power consumption (full load - typical)	478.01W / 1117.43 BTU/h	497.09 W / 1697.8 BTU/h
AC Power (Max PoE Enabled) Addition	None	None
Environment		
Noise level (avg.) (with/without smart fan)	TBD	TBD
Operating Temperature	0°C to 40°C	0°C to 40°C
Storage Temperature	-20°C to 70°C	-20°C to 70°C
Humidity (non-condensing)	10% to 90%	10% to 90%
Certifications		
Certifications (Safety, EMC) available for GA	CB, CE, UL, FCC, ISED, VCCI, CCC, BSMI, RCM, NOM	CB, CE, UL, FCC, ISED, VCCI, CCC, BSMI, RCM, NOM
Certifications (Safety, EMC) Post GA	Anatel, KC	Anatel, KC
MTBF (hours)	135,099	135,099

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