

MODEL	XGS 88	XGS 108	XGS 118	XGS 128	XGS 138*
FORM FACTOR	Desktop	Desktop	Desktop	Desktop	Desktop
CPU	Intel x86 CPU	Intel x86 CPU	Intel x86 CPU	Intel x86 CPU	AMD x86 CPU
MEMORY	4 GB LPDDR5	6 GB LPDDR5	8 GB LPDDR5	8 GB LPDDR5	8 GB DDR4
XSTREAM FLOW PROCESSOR (NPU)	NA	NA	NA	NA	Marvell NPU
MEMORY	NA	NA	NA	NA	4 GB DDR4
SSD/STORAGE SIZE	16 GB eMMC	64 GB UFS 2.1	64 GB UFS 2.1	64 GB UFS 2.1	64 GB M.2
RAID SUPPORT	None	None	None	None	None
ETHERNET INTERFACES					
FIXED PORTS TOTAL	4 x 2.5GE copper	6 x 2.5GE copper 1 x SFP fiber	9 x 2.5GE copper 1 x SFP fiber	9 x 2.5GE copper 1 x SFP fiber	4 x GE copper 2 x 2.5GE copper 2 x SFP+ fiber
FIXED POE PORTS	0	0	0	0	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	5G module (Gen.2)*	5G module (Gen.2)*	5G module (Gen.2)*
INTERNAL WI-FI-CARD (FOR W-MODELS)	Wi-Fi 6/802.11ax 2x2 dual band concurrent full-size mini PCIe card 2 antennas	Wi-Fi 6/802.11ax 2x2 dual band concurrent full-size mini PCIe card 2 antennas	Wi-Fi 6/802.11ax 2x2 dual band concurrent full-size mini PCIe card 2 antennas	Wi-Fi 6/802.11ax 2x2 dual band concurrent full-size mini PCIe card 2 antennas	NA
REDUNDANT POWER SUPPLY	None	optional external	optional external	optional external	optional external
MANAGEMENT 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	200 x 180 x 44 mm	260 x 180 x 44 mm	320 x 212 x 44 mm	320 x 212 x 44 mm	320 x 212 x 44 mm
WEIGHT (KG/LBS) UNPACKED/PACKED	1.4 kg / 3.08 lbs (unpacked) 2 kg / 4.41 lbs (packed)	1.8 kg / 3.97 lbs (unpacked) 2.4 kg / 5.29 lbs (packed)	2.4 kg / 5.29 lbs (unpacked) 3.9 kg / 8.60 lbs (packed)	2.4 kg / 5.29 lbs (unpacked) 3.9 kg / 8.60 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, 3.33A, 40W	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 5A, 60W	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 5.42A, 65W	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 5.42A, 65W	External auto-ranging AC-DC 100-240VAC, 2A@50-60 Hz 12VDC, 12.5A, 150W
AC POWER CONSUMPTION (IDLE - TYPICAL)	12.5 W / 42.65 BTU/hr (88) 14.5 W / 49.48 BTU/hr (88w)	21.5 W / 73.36 BTU/hr (108) 25.5 W / 87.01 BTU/hr (108w)	25.5 W / 87.01 BTU/hr (118) 29.5 W / 100.66 BTU/hr (118w)	26.5 W / 90.42 BTU/hr (128) 30 W / 102.36 BTU/hr (128w)	33 W / 112.60 BTU/hr (138)
AC POWER CONSUMPTION (FULL LOAD - TYPICAL)	18 W / 61.42 BTU/hr (88) 22 W / 75.07 BTU/hr (88w)	27 W / 92.13 BTU/hr (108) 30 W / 102.36 BTU/hr (108w)	28 W / 95.54 BTU/hr (118) 34 W / 116.01 BTU/hr (118w)	30 W / 102.36 BTU/hr (128) 35 W / 119.42 BTU/hr (128w)	51 W / 174.02 BTU/hr (138)
AC POWER (MAX POE ENABLED) ADDITION	None	None	None	None	121 W / 412.87 BTU/hr
ENVIRONMENT					
NOISE LEVEL (AVG.) (TYPICAL / MAX OPERATION)	0 dBA - Fanless	0 dBA - Fanless	XGS 118 - 17.3/26.9 dBA XGS 118(w) - 19.5/31 dBA	XGS 128 - 17.3/26.9 dBA XGS 128(w) - 19.5/31 dBA	28/43 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, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC (*non-wireless only)	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC (*non-wireless only)	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC (*non-wireless only)	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC*, BSMI, RCM, NOM, Anatel*, TEC (*non-wireless only)	CB, CE, UKCA, UL, FCC, ISED, VCCI, KC, BSMI, RCM, NOM, Anatel, TEC
CERTIFICATIONS (SAFETY, EMC, RF) POST GA					
MTBF (HOURS)	936,308 (XGS 88) 936,308 (XGS 88w)	1,282,629 (XGS 108) 1,282,629 (XGS 108w)	228,927 (XGS 118) 228,927 (XGS 118w)	228,927 (XGS 128) 228,927 (XGS 128w)	200,091 (XGS 138)
REGIONAL AVAILABILITY*			5G Module not sold in Japan	5G Module not sold in Japan	XGS 138 currently not sold in Japan 5G Module not sold in Japan