

Model	XGS3700-48HP	XGS3700-48	XGS3700-24HP	XGS3700-24	GS3700-48HP	GS3700-48	GS3700-24HP	GS3700-24
Switch class	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)	Layer 2 Plus (Layer 3 Lite)
Switch-Port Density								
Total port count	52	52	28	28	52	52	28	28
10/100 Mbps	-	-	-	-	-	-	-	-
10/100 Mbps PoE	-	-	-	-	-	-	-	-
100/1000 Mbps	-	48	-	24	-	48	-	24
100/1000 Mbps PoE	48	-	24	-	48	-	24	-
Gigabit SFP	-	-	-	-	4	4	4	4
Dual-personality Gigabit (SFP/RJ-45)	-	-	-	-	-	-	-	-
12-Gigabit CX4	-	-	-	-	-	-	-	-
10-Gigabit module	-	-	-	-	-	-	-	-
10-Gigabit SFP+	4	4	4	4	-	-	-	-
40-Gigabit QSFP+	-	-	-	-	-	-	-	-
Performance								
Switching capacity (Gbps)	176	176	128	128	104	104	56	56
Forwarding rate (Mpps)	131	131	95	95	77	77	42	42
Packet buffer (byte)	2 M	2 M	2 M	2 M	2 M	2 M	2 M	2 M
MAC address table	16 K	16 K	16 K	16 K	16 K	16 K	16 K	16 K
IP address table	512	512	512	512	512	512	512	512
Routing entries	512	512	512	512	512	512	512	512
Routing domains	128	128	128	128	128	128	128	128
Switch-Management								
IPv6 management	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CLI/web GUI	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
iStacking (single IP management)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Out-of-bound management port	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch-Routing/Redundancy								
OSPF	-	-	-	-	-	-	-	-
RIP v1, v2	-	-	-	-	-	-	-	-
Static IP routing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VRRP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spanning tree (STP/MSTP/RSTP)	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Redundant power support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch-Quality of Service								
Priority queues	8	8	8	8	8	8	8	8
Data prioritization (SPQ/WRR/WFQ)	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Guest VLAN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping (v1/v2/v3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MVR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Jumbo frame forwarding	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DVMRP	-	-	-	-	-	-	-	-
802.1p CoS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch-Security								
MAC freeze/intrusion lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
802.1X authentication	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TACACS+/RADIUS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ACL security filter (L2/L3/L4)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
sFlow	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CPU protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power								
Input	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz
Max. power consumption (watt)	600	66,9	600	44,5	600	58,2	600	38,4
Total PoE power budget (watt)	Single PSU 460 W Dual PSU 1000 W	-	Single PSU 460 W Dual PSU 1000 W	-	Single PSU 460 W Dual PSU 1000 W	-	Single PSU 460 W Dual PSU 1000 W	-
Removable power module	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch-Green Features								
Fanless	-	-	-	-	-	-	-	-
IEEE Energy Efficient Ethernet	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Environmental Specifications								
Operating temperature	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F	0°C to 50°C/32°F to 122°F
Storage temperature	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F
Operating humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Storage humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
MTBF (hr)	200.000	250.000	220.000	280.000	200.000	250.000	220.000	280.000
Heat dissipation (BTU/hr)	2046	228,129	2046	151,745	2046	198,462	2046	130,944
Switch-Physical Specifications								
Dimensions (WxDxH) (mm/in.)	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57	440 x 437 x 40/17.32 x 17.2 x 1.57
Weight (kg/lb.)	8.02/17.68	7.57/16.69	7.55/16.64	7.27/16.03	8/17.64	7.55/16.64	7.44/16.4	7.24/15.96
Removable fan module	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other								
Accessory	RPS600-HP, FAN500, RM400	RPS300, FAN500, RM400	RPS600-HP, FAN500, RM400	RPS300, FAN500, RM400	RPS600-HP, FAN500, RM400	RPS300, FAN500, RM400	RPS600-HP, FAN500, RM400	RPS300, FAN500, RM400