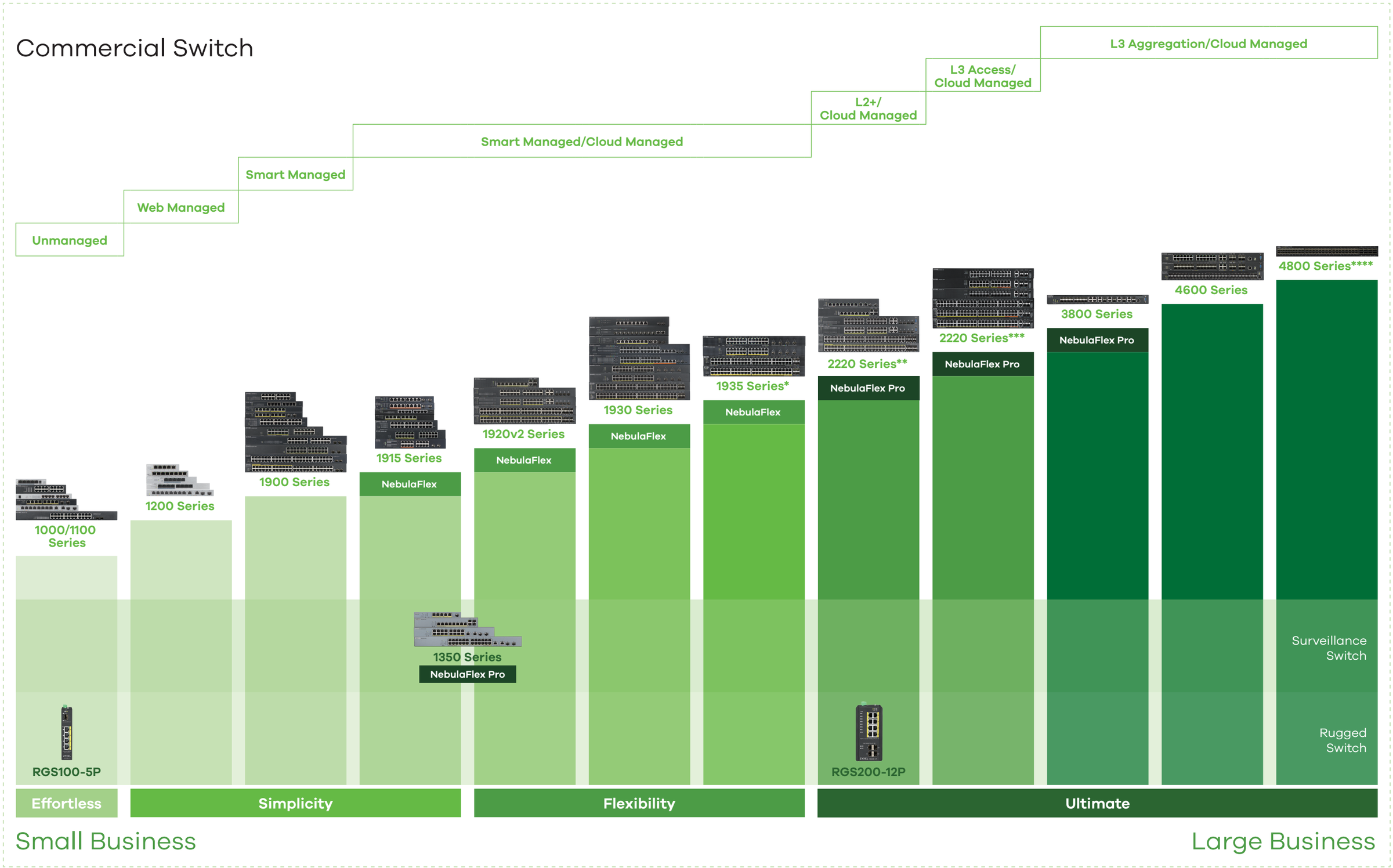
ZYXEL NETWORKS

Switch

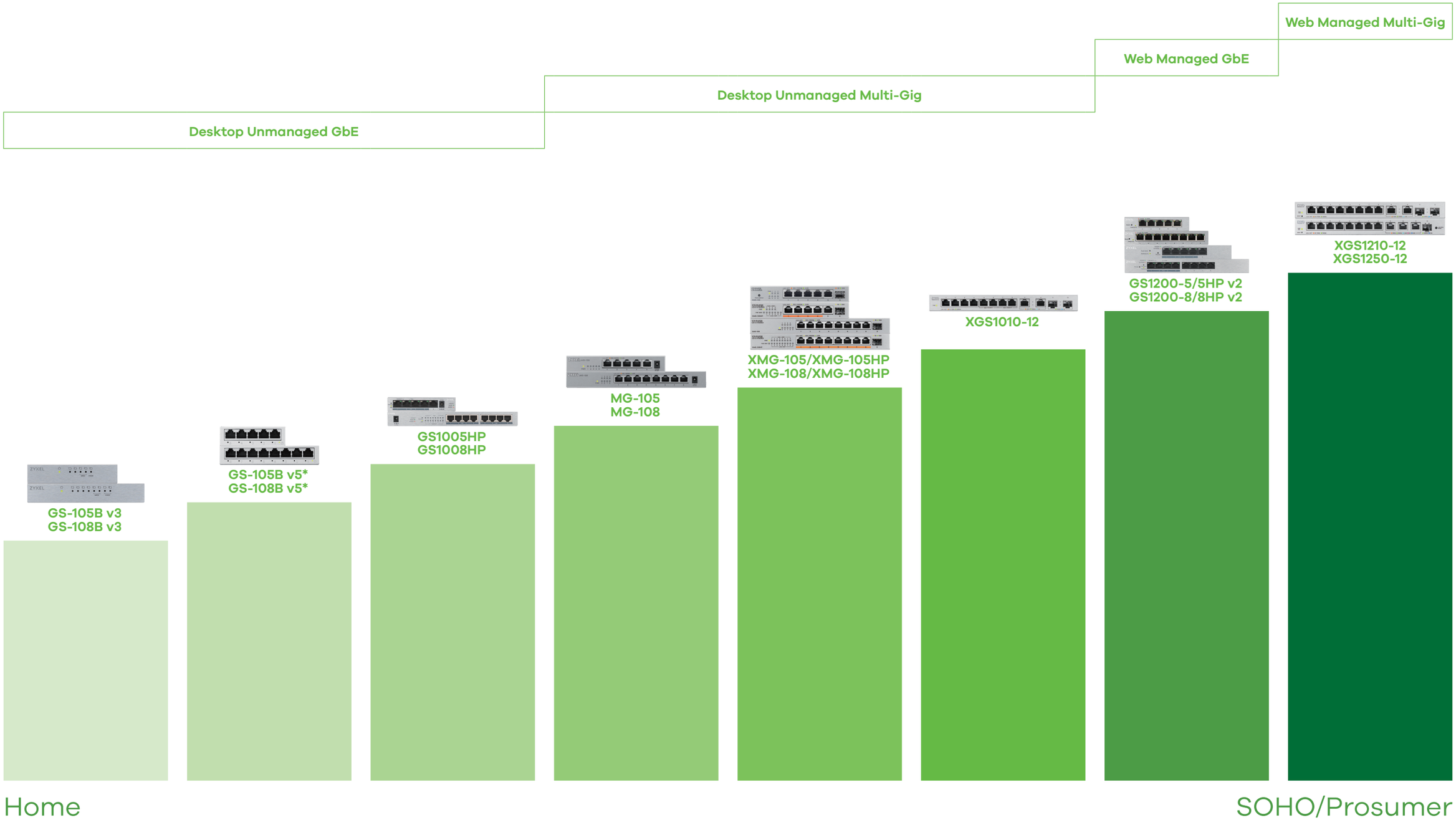
Quick Sales Guide

Switching Portfolio Lineup



* Available in Q4 2024
** With Gigabit uplinks
*** With 10G uplinks
**** Available in Q1 2025

Home/SOHO/Prosumer Switch



* Available in Q4 2024

Switch Quick Finder

Switch Class	Series	Performance	Model	
L3 Aggregation/ NebulaFlex Pro	4800* Series	10/25 Gigabit Ethernet with 100G Uplink	CX4800-56F	
L3 Aggregation	4600 Series	Gigabit Ethernet with 10G Uplink	XGS4600-32	
			XGS4600-32F	
			XGS4600-52F	
L3 Aggregation/ NebulaFlex Pro	3800 Series	10 Gigabit Ethernet	XS3800-28	
L3 Access/ NebulaFlex Pro	2220 Series	Gigabit Ethernet with 10G Uplink	XGS2220-30	
			XGS2220-30HP	
			XGS2220-30F	
			XGS2220-54	
			XGS2220-54HP	
			XGS2220-54FP	

* Available in Q1 2025

Key Features

Model	Ports	Key Features
CX4800-56F*	48 x 10GbE/25GbE SFP28 ports 8 x 100G QSFP ports	• NebulaFlex Pro allows users to switch between standalone management and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled • Meets the requirements of high performance and low latency operation • Offers hot swappable dual power modules and four fan trays • Physical stacking of up to 2 units (will support this feature after FCS through future firmware upgrade) • Tailor-made Networked AV mode brings efficiency to professional AVoIP networking setups and monitoring services
XGS4600-32	24-port 1000BASE-T 4 x GbE combo ports 4 x 10G SFP+ slots	• Four built-in 10G SFP+ uplinks enable congestion-free, smooth data delivery for high-bandwidth applications • Dynamic routing protocols such as RIP and OSPF • Multiple aggregation service options with 24-port copper/fiber and 48-port fiber selections • Provides high-bandwidth with true physical stacking of up to 4 units • L2 and L3 stacking capability to fulfill larger network deployment needs • High resiliency with redundant power supply units • Streamlined network initialization and troubleshooting by supporting ZON utility and Zyxel Smart Connect
XGS4600-32F	24-port SFP slots 4 x GbE combo ports 4 x 10G SFP+ slots	
XGS4600-52F	48-port SFP slots 4 x 10G SFP+ slots	
XS3800-28	4-port 10G Multi-Gigabit 16 x 10G SFP+ slots 8 x 10G Multi-Gigabit combo ports	• NebulaFlex Pro allows users to switch between standalone management and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled • Nebula cloud management allows easy deployment, real-time configurations and effortless access to all your cloud devices anytime • Unique port combination enables the flexibility for diversity of network • Support Multi-Gigabit for connection at 100M/1G/2.5G/5G/10G • Support physical stacking up to 4 units on both Nebula Cloud and Standalone modes • High resiliency with redundant power supply units • Restore to last custom default button eases the process of troubleshooting
XGS2220-30	24-port 1000BASE-T 2-port 10G Multi-Gigabit 4 x 10G SFP+ slots	• NebulaFlex Pro allows users to switch between standalone management and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled • Nebula cloud management allows easy deployment, real-time configurations and effortless access to all your cloud devices anytime • Tailor-made Networked AV mode brings efficiency to professional AVoIP networking setups and monitoring services • Physical stacking up to 4 units • Up to six 10G uplinks including both copper and fiber options provide extensibility and resilience for networks • PoE models support 16/40-port PoE+ and 10-port PoE++ (60 W) with a high-power budget of up to 400 W/600 W/960 W are ideal for high density AVoIP, WiFi 6/6E and PTZ camera applications • Extensive Layer 2 features with advanced L3 access routing capability
XGS2220-30HP	24-port 1000BASE-T PoE 2-port 10G Multi-Gigabit PoE 4 x 10G SFP+ slots PoE power budget: 400 W	
XGS2220-30F	24-port SFP slots 2-port 10G Multi-Gigabit 4 x 10G SFP+ slots	
XGS2220-54	48-port 1000BASE-T 2-port 10G Multi-Gigabit 4 x 10G SFP+ slots	
XGS2220-54HP	48-port 1000BASE-T PoE 2-port 10G Multi-Gigabit PoE 4 x 10G SFP+ slots PoE power budget: 600 W	
XGS2220-54FP	48-port 1000BASE-T PoE 2-port 10G Multi-Gigabit PoE 4 x 10G SFP+ slots PoE power budget: 960 W	

* Available in Q1 2025

Switch Quick Finder

Switch Class	Series	Performance	Model	
L2+/ NebulaFlex Pro	2220 Series	Gigabit Ethernet	GS2220-10	
			GS2220-10HP	
			GS2220-28	
			GS2220-28HP	
			GS2220-50	
			GS2220-50HP	
Smart Managed/ NebulaFlex	1935 Series	Gigabit Ethernet with 10G Uplink	XGS1935-28*	
			XGS1935-28HP*	
			XGS1935-52*	
			XGS1935-52HP*	
	1930 Series	10G Multi-Gigabit Ethernet	XS1930-10	
			XS1930-12HP	
			XS1930-12F	
		2.5G Multi-Gigabit Ethernet with 10G Uplink	XMG1930-30	
			XMG1930-30HP	
		Gigabit Ethernet with 10G Uplink	XGS1930-28	
			XGS1930-28HP	
			XGS1930-52	
			XGS1930-52HP	

* Available in Q4 2024

Key Features

Model	Ports	Key Features
GS2220-10	8-port 1000BASE-T 2 x GbE combo ports	• NebulaFlex Pro allows users to switch between standalone management and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled • L2 multicast, IGMP snooping, MVR and voice VLAN for convergence • High power budget of 375 W (28HP/52HP) and 180 W (10HP) within its compact case design simplifying rack installation • Smart fan and fanless designs offer near silent operations in both desktop and rack-mount environment • Check real-time status intuitively by cloud and PoE LED indicators
GS2220-10HP	8-port 1000BASE-T PoE 2 x GbE combo ports PoE power budget: 180 W	
GS2220-28	24-port 1000BASE-T 4 x GbE combo ports	
GS2220-28HP	24-port 1000BASE-T PoE 4 x GbE combo ports PoE power budget: 375 W	
GS2220-50	44-port 1000BASE-T 2 x GbE SFP slots 4 x GbE combo ports	
GS2220-50HP	48-port 1000BASE-T PoE 2 x GbE SFP slots 4 x GbE combo ports PoE power budget: 375 W	
XGS1935-28*	24-port 1000BASE-T 4 x 10G SFP+ slots	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • Handles the increasing high-bandwidth applications in your office affordably with four built-in 10G SFP+ uplinks • Easy management and setup with web-based interface and intuitive wizard • Supports rich L2 feature set with L3 static route for more efficient use of network resources • Built-in smart cooling technology allows the switch to achieve an ultra-quite operation
XGS1935-28HP*	24-port 1000BASE-T PoE 4 x 10G SFP+ slots PoE power budget: 375 W	
XGS1935-52*	48-port 1000BASE-T 4 x 10G SFP+ slots	
XGS1935-52HP*	48-port 1000BASE-T PoE 4 x 10G SFP+ slots PoE power budget: 375 W	
XS1930-10	8-port 10G Multi-Gigabit 2 x 10G SFP+ slots	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • Support Multi-Gigabit for 100M/1G/2.5G/5G/10G connections with its unique and intuitive 5-color LED port speed indication • XS1930-12HP supports 802.3bt PoE++ offering a maximum of 60 W per port and with a maximum power budget of 375 W • Smart fan design delivers near silent Multi-Gigabit operation • Rich L2 feature set with L3 static route makes it an affordable choice for aggregation switch
XS1930-12HP	8-port 10G Multi-Gigabit PoE 2-port 10G Multi-Gigabit 2 x 10G SFP+ slots PoE power budget: 375 W	
XS1930-12F	10 x 10G SFP+ slots 2-port 10G Multi-Gigabit	
XMG1930-30	24-port 2.5G Multi-Gigabit 4-port 10G Multi-Gigabit 2 x 10G SFP+ slots	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • Multi-Gigabit supports with 2.5G and 10G combinations offering flexibility for high density Multi-Gig deployments • Up to six 10G uplinks including both copper and fiber options providing extensibility and resilience for networks • PoE model supports 8-port PoE++ (60 W) and 20-port PoE+ with a high-power budget of up to 700 W to easily connect WiFi 6/6E APs or IoT devices • Rich L2 feature set with L3 static route makes it a perfect candidate to upgrade to Multi-Gigabit Networks
XMG1930-30HP	24-port 2.5G Multi-Gigabit PoE 4-port 10G Multi-Gigabit PoE 2 x 10G SFP+ slots PoE power budget: 700 W	
XGS1930-28	24-port 1000BASE-T 4 x 10G SFP+ slots	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • Handles the increasing high-bandwidth applications in your office affordably with four built-in 10G SFP+ uplinks • Easy management and setup with web-based interface and intuitive wizard • User-friendly design includes one-touch “Restore” button and intuitive PoE usage LED • Smart fan design offers silent operations in both desktop or rack-mount environment • Supports rich L2 feature set with L3 static route for more efficient use of network resources
XGS1930-28HP	24-port 1000BASE-T PoE 4 x 10G SFP+ slots PoE power budget: 375 W	
XGS1930-52	48-port 1000BASE-T 4 x 10G SFP+ slots	
XGS1930-52HP	48-port 1000BASE-T PoE 4 x 10G SFP+ slots PoE power budget: 375 W	

* Available in Q4 2024

Switch Quick Finder

Switch Class	Series	Performance	Model	
Smart Managed/ NebulaFlex	1920v2 Series	Gigabit Ethernet	GS1920-8HPv2	
			GS1920-24v2	
			GS1920-24HPv2	
			GS1920-48v2	
			GS1920-48HPv2	
	1915 Series	2.5G Multi-Gigabit Ethernet with 10G Uplink	XMG1915-10E	
			XMG1915-10EP	
			XMG1915-18EP	
		Gigabit Ethernet	GS1915-8	
			GS1915-8EP	
			GS1915-24E	
			GS1915-24EP	
Smart Managed	1900 Series	Gigabit Ethernet	GS1900-8	
			GS1900-8HP	
			GS1900-10HP	
			GS1900-16	
			GS1900-24E	
			GS1900-24EP	
			GS1900-24	
			GS1900-24HPv2	
			GS1900-48	
			GS1900-48HPv2	

Key Features

Model	Ports	Key Features
GS1920-8HPv2	8-port 1000BASE-T PoE 2 x GbE combo ports PoE power budget: 130 W	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • Using user-friendly web-based GUI to manage and set up the switch without learning complex CLI • Smart fan design offers silent operations in both desktop or rack-mount environment • One-touch restore to last custom default button • Comes with rich L2 features such as LACP, advanced QoS, VLAN, ACL and multicast IGMP snooping
GS1920-24v2	24-port 1000 BASE-T 4 x GbE combo ports	
GS1920-24HPv2	24-port 1000BASE-T PoE 4 x GbE combo ports PoE power budget: 375 W	
GS1920-48v2	44-port 1000BASE-T 2 x GbE SFP slots 4 x GbE combo ports	
GS1920-48HPv2	48-port 1000BASE-T PoE 2 x GbE SFP slots 4 x GbE combo ports PoE power budget: 375 W	
XMG1915-10E	8-port 2.5G Multi-Gigabit 2 x 10G SFP+ slots	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • All ports support 2.5G Multi-Gigabit • Additional two 10G fiber uplinks providing extensibility for networks • PoE models support 8-port PoE++ (60 W with high power budget of up to 130 W (10EP) and 180 W (18EP) to easily connect WiFi 6/6E APs or IoT devices • Rich L2 feature set with L3 static route
XMG1915-10EP	8-port 2.5G Multi-Gigabit PoE 2 x 10G SFP+ slots PoE power budget: 130 W	
XMG1915-18EP	8-port 2.5G Multi-Gigabit PoE 8-port 2.5G Multi-Gigabit 2 x 10G SFP+ slots PoE power budget: 180 W	
GS1915-8	8-port 1000BASE-T	• NebulaFlex gives you the flexibility to switch between standalone and our license-free Nebula cloud management • Nebula cloud management allows easy deployment, real-time configurations and effortless access to all your cloud devices anywhere, anytime • Facilitate wide variety of network setups with all PoE ports supporting IEEE 802.3at PoE+ • Compact and near-silent design is ideal for any working environment • Supports basic L2 switching features
GS1915-8EP	8-port 1000BASE-T PoE PoE power budget: 60 W	
GS1915-24E	24-port 1000BASE-T	
GS1915-24EP	12-port 1000BASE-T 12-port 1000BASE-T PoE PoE power budget: 130 W	
GS1900-8	8-port 1000BASE-T	• Smart fan and fanless design offer near silent operations in both desktop and rack-mount environment • Easy browser-based switch management, with quick and easy set up wizard • Manage advanced features easily through user-friendly web interface • Intelligent IEEE 802.3at PoE+ allows to power more devices • Streamlined network initialization by supporting ZON utility • Supports basic L2 switching features
GS1900-8HP	8-port 1000BASE-T PoE PoE power budget: 77 W	
GS1900-10HP	8-port 1000BASE-T PoE 2 x GbE SFP slots PoE power budget: 77 W	
GS1900-16	16-port 1000BASE-T	
GS1900-24E	24-port 1000BASE-T	
GS1900-24EP	12-port 1000BASE-T 12-port 1000BASE-T PoE PoE power budget: 130 W	
GS1900-24	24-port 1000BASE-T 2 x GbE SFP slots	
GS1900-24HPv2	24-port 1000BASE-T PoE 2 x GbE SFP slots PoE power budget: 170 W	
GS1900-48	48-port 1000BASE-T 2 x GbE SFP slots	
GS1900-48HPv2	24-port 1000BASE-T 24-port 1000BASE-T PoE 2 x GbE SFP slots PoE power budget: 170 W	

Switch Quick Finder

Switch Class	Series	Performance	Model
Surveillance Managed/ NebulaFlex Pro	1350 Series	Gigabit Ethernet	GS1350-6HP
			GS1350-12HP
			GS1350-18HP
			GS1350-26HP
Web Managed	1200 Series	Multi-Gigabit Ethernet	XGS1250-12
			XGS1210-12
		Gigabit Ethernet	GS1200-5
			GS1200-5HP v2
			GS1200-8
			GS1200-8HP v2
Unmanaged	1100 Series	Gigabit Ethernet	GS1100-10HP
			GS1100-16
			GS1100-24E
			GS1100-24
	1000 Series	Multi-Gigabit Ethernet	XGS1010-12
		Gigabit Ethernet	GS1005HP
			GS1008HP

Key Features

Model	Ports	Key Features
GS1350-6HP	5-port 1000BASE-T PoE 1 x GbE SFP slot PoE power budget: 60 W	• NebulaFlex Pro allows users to switch between standalone management and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled • Dedicated surveillance mode offers surveillance installers to setup surveillance networks effortlessly • Auto camera recovery • Large power budget • Up to 250 meters transmission • Enhanced surge and ESD protection
GS1350-12HP	8-port 1000BASE-T PoE 2 x GbE SFP slots 2 x GbE 1000BASE-T PoE power budget: 130 W	
GS1350-18HP	16-port 1000BASE-T PoE 2 x GbE combo ports PoE power budget: 250 W	
GS1350-26HP	24-port 1000BASE-T PoE 2 x GbE combo ports PoE power budget: 375 W	
XGS1250-12	8-port 1000BASE-T 3-port Multi-Gigabit 1 x 10G SFP+ slots	• Multi-Gigabit support with 100M/1G/2.5G/5G/10G connections • Unique and intuitive 5-color LED port speed indication • Intuitive web GUI for management • QoS for better traffic control • VLAN for enhanced network security • Link Aggregation for throughput increasing • IGMP Snooping for optimized traffic delivery
XGS1210-12	8-port 1000BASE-T 2-port 2500BASE-T 2 x 10G SFP+ slots	• 10G SFP+ Uplink • Multi-Gigabit support with 100M/1G/2.5G connections • Intuitive web GUI for management • QoS for better traffic control • VLAN for enhanced network security • Link Aggregation for throughput increasing • IGMP Snooping for optimized traffic delivery
GS1200-5	5-port 1000BASE-T	• Easy web management • IGMP Snooping for optimized traffic delivery • VLAN segregation for enhanced network security • Enhanced port-based QoS for better traffic control • Link Aggregation increase throughput • Smart PoE+ 802.3af/802.3at support (GS1200-5HP v2/GS1200-8HP v2) • Fanless, noiseless design
GS1200-5HP v2	1-port 1000BASE-T 4-port 1000BASE-T PoE PoE power budget: 60 W	
GS1200-8	8-port 1000BASE-T	
GS1200-8HP v2	4-port 1000BASE-T 4-port 1000BASE-T PoE PoE power budget: 60 W	
GS1100-10HP	8-port 1000BASE-T PoE 2 x GbE SFP slots PoE power budget: 130 W	• Plug and play Gigabit wire-speed • Efficient Energy saving with green Ethernet features • Fanless design for whisper quiet operation • Easily to check status with intuitive port LED • GS1100-10HP supports PoE+ • Flexible choices from 8-port to 24-port
GS1100-16	16-port 1000BASE-T	
GS1100-24E	24-port 1000BASE-T	
GS1100-24	24-port 1000BASE-T 2 x GbE SFP slots	
XGS1010-12	8-port 1000BASE-T 2-port 2500BASE-T 2 x 10G SFP+ slots	• 10G SFP+ Uplink • Multi-Gigabit speed support • QoS for better traffic control • Plug and Play • Fanless, noiseless design • Advanced energy-savings at work
GS1005HP	1-port 1000BASE-T 4-port 1000BASE-T PoE PoE power budget: 60 W	• 60 Watts of total output on 4/8 Gigabit PoE+ ports • LED indicators for PoE budget management • Blazing-fast Gigabit connection • Advanced energy-savings at work • Fanless, noiseless design
GS1008HP	8-port 1000BASE-T PoE PoE power budget: 60 W	

Switch Quick Finder

Switch Class	Series	Performance	Model
Rugged Managed	200 Series	Gigabit Ethernet	RGS200-12P
Rugged Unmanaged	100 Series	Gigabit Ethernet	RGS100-5P
Home Desktop	XMG-100 Series	2.5G Multi-Gigabit Ethernet with 10G Uplink	XMG-105
			XMG-105HP
			XMG-108
			XMG-108HP
	MG-100 Series	2.5 Multi-Gigabit Ethernet	MG-105
			MG-108
	GS-100 Series	Gigabit Ethernet	GS-105B v5*
			GS-108B v5*
			GS-105B v3
			GS-108B v3

* Available in Q4 2024

Key Features

Model	Ports	Key Features
RGS200-12P	8-port 1000BASE-T 4 x GbE SFP slot PoE power budget: 240 W	• Wide-ranging operating temperature design from -40°C to 75°C • Fanless design and compact mechanism with IP30 standard • Redundant ring technology with quick failover in less than 20 ms • Dual power inputs (12 V - 58 V DC) • Full PoE+ support and high PoE power budget up to 240 W
RGS100-5P	4-port 1000BASE-T 1 x GbE SFP slot PoE power budget: 120 W	• Wide-ranging operating temperature design from -40°C to 75°C • Fanless design and compact mechanism with IP30 standard • All PoE ports support PoE+ and high PoE power budget up to 120 W • Dual power inputs (12 V - 58 V DC)
XMG-105	5-port 2.5G Multi-Gigabit 1 x 10G SFP+ slot	• Support 2.5GbE on all ports, with one 10G fiber uplink • Support PoE++ (60 W) with high power budget of up to 70 W and 100 W to easily connect WiFi 6/6E APs or IoT devices • Increase home networking speed up to 2.5 times without extra cabling cost • Access Internet just plug-and-play • Silent and stable operation
XMG-105HP	4-port 2.5G Multi-Gigabit PoE 1-port 2.5G Multi-Gigabit 1 x 10G SFP+ slot PoE power budget: 70 W	
XMG-108	8-port 2.5G Multi-Gigabit 1 x 10G SFP+ slot	
XMG-108HP	8-port 2.5G Multi-Gigabit PoE 1 x 10G SFP+ slot PoE power budget: 100 W	
MG-105	5-port 2.5G Multi-Gigabit	• Support 2.5GbE on all ports • Instantly upgrade speed up to 2.5 times • Increase home networking speed without extra cabling cost • Access Internet just plug-and-play • Silent and stable operation
MG-108	8-port 2.5G Multi-Gigabit	
GS-105B v5*	5-port 1000BASE-T	• Surfing the network just plug and play • QoS ports optimize performance of network applications • Mini size fits desktop and wall-mounting installations • Durable metal housing design • Silent, and green switch for energy efficiency
GS-108B v5*	8-port 1000BASE-T	
GS-105B v3	5-port 1000BASE-T	• Compact and sturdy design • QoS ports for optimized, smooth VoIP and data transfer • Bi-color LED indicators for Ethernet port status • Green switch for energy saving
GS-108B v3	8-port 1000BASE-T	

* Available in Q4 2024

Commercial Switches Feature Matrix

Model	4800 Series	4600 Series			3800 Series	2220 Series		
	CX4800-56F*	XGS4600-32	XGS4600-32F	XGS4600-52F	XS3800-28	XGS2220-30F	XGS2220-30	XGS2220-30HP
Switch class	L3 Aggregation/ NebulaFlex Pro	L3 Aggregation	L3 Aggregation	L3 Aggregation	L3 Aggregation/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro
Ports								
Total port count	56	32	32	52	28	30	30	30
Gigabit Ethernet (RJ-45)	-	24	-	-	-	-	24	24
Gigabit Combo (RJ-45/SFP)	-	4	4	-	-	-	-	-
Gigabit SFP	-	-	24	48	-	24	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	4	2	2	2
10G/25G SFP28	48	-	-	-	-	-	-	-
10 Gigabit SFP+	-	4	4	4	16	4	4	4
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	8	-	-	-
100G QSFP28	8	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-	-
PoE								
Total PoE budget (Watts)	-	-	-	-	-	-	-	400
802.3at PoE+	-	-	-	-	-	-	-	16
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-	10
Performance								
Switching capacity (Gbps)	4,000	136	136	176	560	168	168	168
Forwarding rate (Mpps)	2,976	101.1	101.1	130.9	416	125	125	125
Packet buffer (byte)	32 MB	4 M	4 M	4 M	4 M	2 MB	2 MB	2 MB
MAC address table	32 K	32 K	32 K	32 K	32 K	32 K	32 K	32 K
Jumbo frame (byte)	9 K	12 K	12 K	12 K	12 K: 10 Gbps 9 K: 2.5 Gbps	9 KB	9 KB	9 KB
L3 forwarding table (IPv4/IPv6)	8 K/4 K	8 K/4 K	8 K/4 K	8 K/4 K	4 K/2 K	1 K/512	1 K/512	1 K/512
Routing table	12 K	12 K	12 K	12 K	1 K	64	64	64
IP interface	256	256	256	256	128	32	32	32
Stacking								
Virtual (iStacking)	Yes	24	24	24	24	24	24	24
Physical	2**	4	4	4	4***	4***	4***	4***
Management								
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	Yes	-	-	-	Yes	Yes	Yes	Yes
sFlow	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Features								
VLANs (Static/Dynamic)	4 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IP source guard	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Physical								
Mounting type	Rack	Rack	Rack	Rack	Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	440 x 489 x 45/ 17.32 x 19.25 x 1.77	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 360 x 44/ 17.36 x 14.17 x 1.73	441 x 360 x 44/ 17.36 x 14.17 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 330 x 44/ 17.36 x 12.99 x 1.73
Fanless	-	-	-	-	-	-	-	-
MTBF (hrs)	590 K	860 K	794 K	815 K	656 K	353 K	520 K	268 K
Redundant power support	Yes	Yes	Yes	Yes	Yes	-	-	-

* Available in Q1 2025
** CX4800-56F will support physical stacking after FCS through future firmware upgrade
*** Supports on both Nebula Cloud and Standalone modes

Model	2220 Series						
	XGS2220-54	XGS2220-54HP	XGS2220-54FP	GS2220-10	GS2220-10HP	GS2220-28	GS2220-28HP
Switch class	L3 Access/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro
Ports							
Total port count	54	54	54	10	10	28	28
Gigabit Ethernet (RJ-45)	48	48	48	8	8	24	24
Gigabit Combo (RJ-45/SFP)	-	-	-	2	2	4	4
Gigabit SFP	-	-	-	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	2	2	2	-	-	-	-
10 Gigabit SFP+	4	4	4	-	-	-	-
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-
PoE							
Total PoE budget (Watts)	-	600	960	-	180	-	375
802.3at PoE+	-	40	40	-	8	-	24
802.3bt PoE++ (60 W)	-	10	10	-	-	-	-
Performance							
Switching capacity (Gbps)	216	216	216	20	20	56	56
Forwarding rate (Mpps)	161	161	161	15	15	42	42
Packet buffer (byte)	2 MB	2 MB	2 MB	1.5 M	1.5 M	1.5 M	1.5 M
MAC address table	32 K	32 K	32 K	16 K	16 K	16 K	16 K
Jumbo frame (byte)	9 KB	9 KB	9 KB	9 K	9 K	9 K	9 K
L3 forwarding table (IPv4/IPv6)	1 K/512	1 K/512	1 K/512	-	-	-	-
Routing table	64	64	64	-	-	-	-
IP interface	32	32	32	-	-	-	-
Stacking							
Virtual (iStacking)	24	24	24	24	24	24	24
Physical	4*	4*	4*	-	-	-	-
Management							
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
sFlow	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Features							
VLANs (Static/Dynamic)	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IP source guard	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Physical							
Mounting type	Rack	Rack	Rack	Wall & Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 330 x 44/ 17.36 x 12.99 x 1.73	441 x 330 x 44/ 17.36 x 12.99 x 1.73	267 x 162 x 44/ 10.51 x 6.38 x 1.73	267 x 162 x 44/ 10.51 x 6.38 x 1.73	441 x 131 x 44/ 17.36 x 5.16 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73
Fanless	-	-	-	Yes	-	Yes	-
MTBF (hrs)	299 K	214 K	227 K	1213 K	587 K	989 K	693 K
Redundant power support	-	-	-	-	-	-	-

* Supports on both Nebula Cloud and Standalone modes

Model	2220 Series		1935 Series				1930 Series	
	GS2220-50	GS2220-50HP	XGS1935-28*	XGS1935-28HP*	XGS1935-52*	XGS1935-52HP*	XS1930-10	XS1930-12HP
Switch class	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex
Ports								
Total port count	50	50	28	28	52	52	-	-
Gigabit Ethernet (RJ-45)	44	44	24	24	48	48	-	-
Gigabit Combo (RJ-45/SFP)	4	4	-	-	-	-	-	-
Gigabit SFP	2	2	-	-	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-	8	10
10 Gigabit SFP+	-	-	4	4	4	4	2	2
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-	-
PoE								
Total PoE budget (Watts)	-	375	-	375	-	375	-	375
802.3at PoE+	-	48	-	24	-	48	-	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-	8
Performance								
Switching capacity (Gbps)	100	100	128	128	176	176	200	240
Forwarding rate (Mpps)	74	74	95.2	95.2	130.9	130.9	148.8	178.5
Packet buffer (byte)	1.5 M	1.5 M	1.5 M	1.5 M	1.5 M	1.5 M	2 M	2 M
MAC address table	16 K	16 K	16 K	16 K	16 K	16 K	16 K	16 K
Jumbo frame (byte)	9 K	9 K	9 K	9 K	9 K	9 K	12 K	12 K
L3 forwarding table (IPv4/IPv6)	-	-	512/512	512/512	512/512	512/512	512/512	512/512
Routing table	-	-	32	32	32	32	32	32
IP interface	-	-	32	32	32	32	32	32
Stacking								
Virtual (iStacking)	24	24	-	-	-	-	-	-
Physical	-	-	-	-	-	-	-	-
Management								
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	Yes	Yes	-	-	-	-	-	-
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
sFlow	-	-	-	-	-	-	-	-
Features								
VLANs (Static/Dynamic)	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Yes	Yes	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN
IP source guard	Yes	Yes	-	-	-	-	-	-
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	Yes	Yes	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	Yes	Yes	-	-	-	-	-	-
Physical								
Mounting type	Rack	Rack	Rack	Rack	Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	440 x 200 x 44.5/ 17.32 x 7.87 x 1.75	441 x 270 x 44/ 17.36 x 10.63 x 1.73	440 x 270 x 43/ 17.32 x 10.63 x 1.69	440 x 270 x 43/ 17.32 x 10.63 x 1.69	440 x 270 x 43/ 17.32 x 10.63 x 1.69	440 x 270 x 43/ 17.32 x 10.63 x 1.69	330 x 230 x 44/ 12.99 x 9.06 x 1.73	330 x 230 x 44/ 12.99 x 9.06 x 1.73
Fanless	-	-	Yes	-	-	-	-	-
MTBF (hrs)	660 K	466 K	518 K	786 K	919 K	562 K	778 K	582 K
Redundant power support	-	-	-	-	-	-	-	-

* Available in Q4 2024

Model	1930 Series						
	XS1930-12F	XMG1930-30	XMG1930-30HP	XGS1930-28	XGS1930-28HP	XGS1930-52	XGS1930-52HP
Switch class	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex
Ports							
Total port count	12	30	30	28	28	52	52
Gigabit Ethernet (RJ-45)	-	-	-	24	24	48	48
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	-	-	-	-
1G/2.5G Ethernet (RJ-45)	-	24	24	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	2	4	4	-	-	-	-
10 Gigabit SFP+	10	2	2	4	4	4	4
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-
PoE							
Total PoE budget (Watts)	-	-	700	-	375	-	375
802.3at PoE+	-	-	20	-	24	-	48
802.3bt PoE++ (60 W)	-	-	8	-	-	-	-
Performance							
Switching capacity (Gbps)	240	240	240	128	128	176	176
Forwarding rate (Mpps)	178.5	178.5	178.5	95.2	95.2	130.9	130.9
Packet buffer (byte)	2 MB	2 MB	2 MB	1.5 M	1.5 M	1.5 M	1.5 M
MAC address table	16 K	16 K	16 K	16 K	16 K	16 K	16 K
Jumbo frame (byte)	12 KB	12 KB	12 KB	9 K	9 K	9 K	9 K
L3 forwarding table (IPv4/IPv6)	512/512	512/512	512/512	512/512	512/512	512/512	512/512
Routing table	32	32	32	32	32	32	32
IP interface	32	32	32	32	32	32	32
Stacking							
Virtual (iStacking)	-	-	-	-	-	-	-
Physical	-	-	-	-	-	-	-
Management							
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	-	-	-	-	-	-	-
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
sFlow	-	-	-	-	-	-	-
Features							
VLANs (Static/Dynamic)	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN
IP source guard	-	-	-	-	-	-	-
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-	-
Physical							
Mounting type	Rack	Rack	Rack	Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	330 x 230 x 44/ 12.99 x 9.06 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 330 x 44/ 17.36 x 12.99 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 330 x 44/ 17.36 x 12.99 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	441 x 330 x 44/ 17.36 x 12.99 x 1.73
Fanless	-	-	-	Yes	-	-	-
MTBF (hrs)	1254 K	532 K	588 K	1211 K	1369 K	827 K	494 K
Redundant power support	-	-		-	-	-	-

Model	1920v2 Series					1915 Series		
	GS1920-8HPv2	GS1920-24v2	GS1920-24HPv2	GS1920-48v2	GS1920-48HPv2	XMG1915-10E	XMG1915-10EP	XMG1915-18EP
Switch class	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex
Ports								
Total port count	10	28	28	50	50	10	10	18
Gigabit Ethernet (RJ-45)	8	24	24	44	44	-	-	-
Gigabit Combo (RJ-45/SFP)	2	4	4	4	4	-	-	-
Gigabit SFP	-	-	-	2	2	-	-	-
1G/2.5G Ethernet (RJ-45)	-	-	-	-	-	8	8	16
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-	-	-
10 Gigabit SFP+	-	-	-	-	-	2	2	2
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-	-
PoE								
Total PoE budget (Watts)	130	-	375	-	375	-	130	180
802.3at PoE+	8	-	24	-	48	-	-	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-	8	8
Performance								
Switching capacity (Gbps)	20	56	56	100	100	80	80	120
Forwarding rate (Mpps)	15	42	42	74	74	59.5	59.5	89.2
Packet buffer (byte)	1.5 M	1.5 M	1.5 M	1.5 M	1.5 M	1.5 MB	1.5 MB	1.5 MB
MAC address table	16 K	16 K	16 K	16 K	16 K	16 K	16 K	16 K
Jumbo frame (byte)	9 K	9 K	9 K	9 K	9 K	12 K	12 K	12 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	128/128	128/128	128/128
Routing table	-	-	-	-	-	8	8	8
IP interface	-	-	-	-	-	8	8	8
Stacking								
Virtual (iStacking)	24	24	24	24	24	-	-	-
Physical	-	-	-	-	-	-	-	-
Management								
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	-	-	-	-	-	-	-	-
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
sFlow	-	-	-	-	-	-	-	-
Features								
VLANs (Static/Dynamic)	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Yes	Yes	Yes	Yes	Yes	MAC-based VLAN	MAC-based VLAN	MAC-based VLAN
IP source guard	Yes	Yes	Yes	Yes	Yes	-	-	-
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-	-	-
Physical								
Mounting type	Wall & Desk	Rack	Rack	Rack	Rack	Wall & Desk	Wall & Rack	Rack
Dimensions (WxDxH)(mm/in.)	267 x 162 x 44/ 10.51 x 6.38 x 1.73	441 x 131 x 44/ 17.36 x 5.16 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	440 x 200 x 44.5/ 17.32 x 7.87 x 1.75	441 x 270 x 44/ 17.36 x 10.63 x 1.73	250 x 104 x 27/ 9.84 x 4.09 x 1.06	250 x 104 x 27/ 9.84 x 4.09 x 1.06	330 x 230 x 44/ 12.99 x 9.06 x 1.73
Fanless	Yes	Yes	-	-	-	Yes	Yes	-
MTBF (hrs)	513 K	911 K	638 K	672 K	502 K	646 K	394 K	954 K
Redundant power support	-	-	-	-	-	-	-	-

Model	1915 Series				1900 Series		
	GS1915-8	GS1915-8EP	GS1915-24E	GS1915-24EP	GS1900-8	GS1900-8HP	GS1900-10HP
Switch class	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex	Smart Managed	Smart Managed	Smart Managed
Ports							
Total port count	8	8	24	24	8	8	10
Gigabit Ethernet (RJ-45)	8	8	24	24	8	8	8
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	-	-	-	2
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-	-
10 Gigabit SFP+	-	-	-	-	-	-	-
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-
PoE							
Total PoE budget (Watts)	-	60	-	130	-	77	77
802.3at PoE+	-	8	-	12	-	8	8
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-
Performance							
Switching capacity (Gbps)	16	16	48	48	16	16	20
Forwarding rate (Mpps)	11.9	11.9	35.7	35.7	11.9	11.9	14.88
Packet buffer (byte)	525 K	525 K	525 K	525 K	525 K	525 K	525 K
MAC address table	8 K	8 K	8 K	8 K	8 K	8 K	8 K
Jumbo frame (byte)	9 K	9 K	9 K	9 K	9 K	9 K	9 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	-	-
Routing table	-	-	-	-	-	-	-
IP interface	-	-	-	-	-	-	-
Stacking							
Virtual (iStacking)	-	-	-	-	-	-	-
Physical	-	-	-	-	-	-	-
Management							
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	-	-	-	-	-	-	-
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	Yes	Yes	Yes	Yes	-	-	-
sFlow	-	-	-	-	-	-	-
Features							
VLANs (Static/Dynamic)	256/-	256/-	256/-	256/-	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN
IP source guard	-	-	-	-	-	-	-
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-	-
Physical							
Mounting type	Wall & Desk	Wall & Desk	Rack	Rack	Wall	Wall	Wall
Dimensions (WxDxH)(mm/in.)	250 x 104 x 27/ 9.84 x 4.09 x 1.06	250 x 104 x 27/ 9.84 x 4.09 x 1.06	267 x 162 x 42/ 10.51 x 6.37 x 1.65	330 x 230 x 44/ 12.99 x 9.06 x 1.73	250 x 104 x 27/ 9.84 x 4.10 x 1.06	250 x 104 x 27/ 9.84 x 4.10 x 1.06	250 x 104 x 27/ 9.84 x 4.10 x 1.06
Fanless	Yes	Yes	Yes	-	Yes	Yes	Yes
MTBF (hrs)	1144 K	1641 K	674 K	769 K	862 K	926 K	801 K
Redundant power support	-	-	-	-	-	-	-

Model	1900 Series						
	GS1900-16	GS1900-24E	GS1900-24EP	GS1900-24	GS1900-24HPv2	GS1900-48	GS1900-48HPv2
Switch class	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed
Ports							
Total port count	16	24	24	26	26	50	50
Gigabit Ethernet (RJ-45)	16	24	24	24	24	48	48
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	2	2	2	2
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-	-
10 Gigabit SFP+	-	-	-	-	-	-	-
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-
PoE							
Total PoE budget (Watts)	-	-	130	-	170	-	170
802.3at PoE+	-	-	12	-	24	-	24
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-
Performance							
Switching capacity (Gbps)	32	48	48	52	52	100	100
Forwarding rate (Mpps)	23.8	35.7	35.7	39	39	74	74
Packet buffer (byte)	525 K	525 K	525 K	525 K	525 K	525 K	525 K
MAC address table	8 K	8 K	8 K	8 K	8 K	8 K	8 K
Jumbo frame (byte)	9 K	9 K	9 K	9 K	9 K	9 K	9 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	-	-
Routing table	-	-	-	-	-	-	-
IP interface	-	-	-	-	-	-	-
Stacking							
Virtual (iStacking)	-	-	-	-	-	-	-
Physical	-	-	-	-	-	-	-
Management							
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	-	-	-	-	-	-	-
SNMP/Syslog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CNC support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	-	-	-	-	-	-	-
sFlow	-	-	-	-	-	-	-
Features							
VLANs (Static/Dynamic)	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K	1 K/4 K
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN	Guest VLAN
IP source guard	-	-	-	-	-	-	-
QoS support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-	-
Physical							
Mounting type	Wall & Rack	Wall & Rack	Rack	Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	216 x 133 x 42/ 8.50 x 5.23 x 1.65	267 x 162 x 42/ 10.51 x 6.37 x 1.65	330 x 230 x 44/ 12.99 x 9.06 x 1.73	440 x 131 x 44/ 17.32 x 5.16 x 1.73	440 x 310 x 45/ 17.32 x 12.20 x 1.77	440 x 200 x 44/ 17.32 x 7.87 x 1.73	441 x 310 x 45/ 17.36 x 12.20 x 1.77
Fanless	Yes	Yes	-	Yes	-	-	-
MTBF (hrs)	843 K	804 K	910 K	432 K	879 K	229 K	612 K
Redundant power support	-	-	-	-	-	-	-

Model	1350 Series				1200 Series	
	GS1350-6HP	GS1350-12HP	GS1350-18HP	GS1350-26HP	XGS1250-12	XGS1210-12
Switch class	Surveillance Managed/ NebulaFlex Pro	Surveillance Managed/ NebulaFlex Pro	Surveillance Managed/ NebulaFlex Pro	Surveillance Managed/ NebulaFlex Pro	Web Managed	Web Managed
Ports						
Total port count	6	12	18	26	12	12
Gigabit Ethernet (RJ-45)	5	10	16	24	8	8
Gigabit Combo (RJ-45/SFP)	-	-	2	2	-	-
Gigabit SFP	1	2	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	3	2 (1G/2.5G)
10 Gigabit SFP+	-	-	-	-	1	2
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-
Configurable extended range ports	5	10	16	24	-	-
PoE						
Total PoE budget (Watts)	60	130	250	375	-	-
802.3at PoE+	3	8	16	24	-	-
802.3bt PoE++ (60 W)	2	-	-	-	-	-
Performance						
Switching capacity (Gbps)	12	24	36	52	96	66
Forwarding rate (Mpps)	8.9	17.8	26.7	38.7	71.42	49
Packet buffer (byte)	525 K	525 K	525 K	525 K	1.5 M	1.5 M
MAC address table	8 K	8 K	8 K	8 K	16 K	16 K
Jumbo frame (byte)	9 K	9 K	9 K	9 K	12 K	12 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	-
Routing table	-	-	-	-	-	-
IP interface	-	-	-	-	-	-
Stacking						
Virtual (iStacking)	-	-	-	-	-	-
Physical	-	-	-	-	-	-
Management						
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	-	-	-	-	-	-
SNMP/Syslog	Yes	Yes	Yes	Yes	-	-
CNC support	Yes	Yes	Yes	Yes	-	-
Zyxel One Network (ZON)	Yes	Yes	Yes	Yes	Yes	Yes
Zyxel Nebula (Cloud)	-	-	-	-	-	-
sFlow	-	-	-	-	-	-
Features						
VLANs (Static/Dynamic)	256/-	256/-	256/-	256/-	32/-	32/-
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	-	-	-	-	-	-
IP source guard	-	-	-	-	-	-
QoS support	Yes	Yes	Yes	Yes	Yes	Yes
IGMP snooping	Yes	Yes	Yes	Yes	Yes	Yes
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	Yes	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-
Physical						
Mounting type	Wall	Rack	Rack	Rack	Desktop	Desktop
Dimensions (WxDxH)(mm/in.)	193 x 84 x 26/ 7.6 x 3.31 x 1.02	267 x 162 x 44/ 10.51 x 6.38 x 1.73	330 x 230 x 44/ 12.99 x 9.06 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	250 x 104 x 27/ 9.84 x 4.10 x 1.06	250 x 104 x 27/ 9.84 x 4.10 x 1.06
Fanless	Yes	-	-	-	-	Yes
MTBF (hrs)	2022 K	1065 K	1700 K	888 K	529 K	537 K
Redundant power support	-	-	-	-	-	-

Model	1200 Series				1100 Series	
	GS1200-5HP v2	GS1200-8HP v2	GS1200-5	GS1200-8	GS1100-10HP	GS1100-16
Switch class	Web Managed	Web Managed	Web Managed	Web Managed	Unmanaged	Unmanaged
Ports						
Total port count	5	8	5	8	10	16
Gigabit Ethernet (RJ-45)	5	8	5	8	8	16
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-
Gigabit SFP	-	-	-	-	2	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-
10 Gigabit SFP+ Uplinks	-	-	-	-	-	-
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-
PoE						
Total PoE budget (Watts)	60	60	-	-	130	-
802.3at PoE+	4	4	-	-	8	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-
Performance						
Switching capacity (Gbps)	10	16	10	16	20	32
Forwarding rate (Mpps)	7.44	11.9	7.44	11.9	14.88	23.8
Packet buffer (byte)	128 K	192 K	128 K	192 K	256 K	256 K
MAC address table	2 K	4 K	2 K	4 K	8 K	8 K
Jumbo frame (byte)	9 K	9 K	9 K	9 K	9 K	9 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	-
Routing table	-	-	-	-	-	-
IP interface	-	-	-	-	-	-
Stacking						
Virtual (iStacking)	-	-	-	-	-	-
Physical	-	-	-	-	-	-
Management						
Web GUI	Yes	Yes	Yes	Yes	-	-
Full Command Line Interface (CLI)	-	-	-	-	-	-
SNMP/Syslog	-	-	-	-	-	-
CNC support	-	-	-	-	-	-
Zyxel One Network (ZON)	-	-	-	-	-	-
Zyxel Nebula (Cloud)	-	-	-	-	-	-
sFlow	-	-	-	-	-	-
Features						
VLANs (Static/Dynamic)	32/-	32/-	32/-	32/-	-	-
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	-	-	-	-	-	-
IP source guard	-	-	-	-	-	-
QoS support	Yes	Yes	Yes	Yes	-	-
IGMP snooping	Yes	Yes	Yes	Yes	-	-
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-
Loop detection	Yes	Yes	Yes	Yes	-	-
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-
Physical						
Mounting type	Desktop & Wall	Desktop & Wall	Desktop & Wall	Desktop & Wall	Wall	Wall & Rack
Dimensions (WxDxH)(mm/in.)	193 x 84 x 26/ 7.59 x 3.3 x 1.02	240 x 105 x 26/ 9.44 x 4.13 x 1.02	121 x 75 x 26/ 4.76 x 2.95 x 1.02	155 x 85 x 26/ 6.1 x 3.35 x 1.02	250 x 104 x 27/ 9.84 x 4.10 x 1.06	215 x 133 x 42/ 8.46 x 5.24 x 1.65
Fanless	Yes	Yes	Yes	Yes	Yes	Yes
MTBF (hrs)	896 K	1089 K	1655 K	1570 K	1000 K	1156 K
Redundant power support	-	-	-	-	-	-

Model	1100 Series		1000 Series			Rugged Switch Series	
	GS1100-24E	GS1100-24	XGS1010-12	GS1005HP	GS1008HP	RGS100-5P	RGS200-12P
Switch class	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	L2 Managed
Ports							
Total port count	24	26	12	5	8	5	12
Gigabit Ethernet (RJ-45)	24	24	8	5	8	4	8
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	2	-	-	-	1	4
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	2 (1G/2.5G)	-	-	-	-
10 Gigabit SFP+ Uplinks	-	-	2	-	-	-	-
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-
PoE							
Total PoE budget (Watts)	-	-	-	60	60	120	240
802.3at PoE+	-	-	-	4	8	4	8
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-
Performance							
Switching capacity (Gbps)	48	52	66	10	16	10	24
Forwarding rate (Mpps)	35.7	38.7	49	7.44	11.9	7.44	17.86
Packet buffer (byte)	525 K	525 K	1.5 M	128 K	192 K	0.25 M	512 K
MAC address table	8 K	8 K	16 K	2 K	4 K	2 K	8 K
Jumbo frame (byte)	10 K	10 K	12 K	9 K	9 K	9 K	9 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	-	-
Routing table	-	-	-	-	-	-	-
IP interface	-	-	-	-	-	-	-
Stacking							
Virtual (iStacking)	-	-	-	-	-	-	-
Physical	-	-	-	-	-	-	-
Management							
Web GUI	-	-	-	-	-	-	Yes
Full Command Line Interface (CLI)	-	-	-	-	-	-	Yes
SNMP/Syslog	-	-	-	-	-	-	Yes
CNC support	-	-	-	-	-	-	Yes
Zyxel One Network (ZON)	-	-	-	-	-	-	-
Zyxel Nebula (Cloud)	-	-	-	-	-	-	-
sFlow	-	-	-	-	-	-	-
Features							
VLANs (Static/Dynamic)	-	-	-	-	-	-	1 K/-
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	-	-	-	-	-	-	-
IP source guard	-	-	-	-	-	-	Yes
QoS support	-	-	Yes	Yes	Yes	-	Yes
IGMP snooping	-	-	-	-	-	-	Yes
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-	Yes
Loop detection	-	-	-	-	-	-	Yes
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-	-
Physical							
Mounting type	Wall & Rack	Rack	Desktop	Desktop & Wall	Desktop & Wall	Wall & DIN-rail	Wall & DIN-rail
Dimensions (WxDxH)(mm/in.)	267 x 162 x 42/ 10.51 x 6.38 x 1.65	441 x 131 x 44/ 17.36 x 5.16 x 1.73	250 x 104 x 27/ 9.84 x 4.10 x 1.06	121 x 75 x 26/ 4.8 x 3.0 x 1.0	240 x 105 x 26/ 9.44 x 4.13 x 1.02	29.1 x 107.3 x 139/ 1.15 x 4.22 x 5.47	77 x 127.3 x 154/ 3.03 x 5.01 x 6.06
Fanless	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MTBF (hrs)	366 K	388 K	537 K	2139 K	1094 K	568 K	568 K
Redundant power support	-	-	-	-	-	Yes	Yes

Home/SOHO Switches Feature Matrix

Model	XMG-105	XMG-105HP	XMG-108	XMG-108HP	MG-105	MG-108
Description	5-Port 2.5GbE Unmanaged Switch with 1 port 10G SFP+	5-Port 2.5GbE Unmanaged PoE++ Switch with 1 port 10G SFP+	8-Port 2.5GbE Unmanaged Switch with 1 port 10G SFP+	8-Port 2.5GbE Unmanaged PoE++ Switch with 1 port 10G SFP+	5-Port 2.5GbE Unmanaged Switch	8-Port 2.5GbE Unmanaged Switch
Case	Metal	Metal	Metal	Metal	Metal	Metal
Hardware						
Total port count	6	6	9	9	5	8
10 Gigabit SFP+	1	1	1	1	-	-
100/1000/2500 Mbps Ethernet ports	5	5	8	8	5	8
10/100/1000 Mbps Ethernet ports	-	-	-	-	-	-
100/1000/25000 Mbps Ethernet PoE++ ports	-	4	-	8	-	-
Performance						
Switching capacity (Gbps)	45	45	60	60	25	40
MAC address table	4 K	4 K	4 K	4 K	16 K	16 K
Packet buffer (byte)	8 MB	8 MB	8 MB	8 MB	1.5 MB	1.5 MB
Jumbo frame (byte)	12 KB	12 KB	12 KB	12 KB	12 KB	12 KB
Features						
Auto MDI/MDI-X	Yes	Yes	Yes	Yes	Yes	Yes
Store and Forward	Yes	Yes	Yes	Yes	Yes	Yes
Full duplex capability	Yes	Yes	Yes	Yes	Yes	Yes
Flow control	Yes	Yes	Yes	Yes	Yes	Yes
802.3x flow control	Yes	Yes	Yes	Yes	Yes	Yes
QoS	Yes	Yes	Yes	Yes	Yes	Yes
Green Features						
Fanless	Yes	Yes	Yes	Yes	Yes	Yes
Power saving by detecting link status & cable length	Yes	Yes	Yes	Yes	Yes	Yes
Physical						
Dimensions (WxDxH)(mm/in.)	160 x 110 x 26/ 6.30 x 4.33 x 1.02	160 x 110 x 26/ 6.30 x 4.33 x 1.02	240 x 105 x 27/ 9.45 x 4.13 x 1.06	240 x 105 x 27/ 9.45 x 4.13 x 1.06	160 x 110 x 26/ 6.3 x 4.33 x 1.02	240 x 106 x 26/ 9.45 x 4.13 x 1.02

Model	GS-105B v5*	GS-108B v5*	GS-105B v3	GS-108B v3
Description	5-Port GbE Unmanaged Switch	8-Port GbE Unmanaged Switch	5-Port Desktop Gigabit Ethernet Switch	8-Port Desktop Gigabit Ethernet Switch
Case	Metal	Metal	Metal	Metal
Hardware				
Total port count	5	8	5	8
10 Gigabit SFP+	-	-	-	-
100/1000/2500 Mbps Ethernet ports	-	-	-	-
10/100/1000 Mbps Ethernet ports	5	8	5	8
100/1000/25000 Mbps Ethernet PoE++ ports	-	-	-	-
Performance				
Switching capacity (Gbps)	10	16	10	16
MAC address table	2 K	2 K	2 K	4 K
Packet buffer (byte)	128 KB	128 KB	128 KB	192 KB
Jumbo frame (byte)	9 KB	9 KB	9 KB	9 KB
Features				
Auto MDI/MDI-X	Yes	Yes	Yes	Yes
Store and Forward	Yes	Yes	Yes	Yes
Full duplex capability	Yes	Yes	Yes	Yes
Flow control	Yes	Yes	Yes	Yes
802.3x flow control	Yes	Yes	Yes	Yes
QoS	Yes	Yes	Yes	Yes
Green Features				
Fanless	Yes	Yes	Yes	Yes
Power saving by detecting link status & cable length	Yes	Yes	Yes	Yes
Physical				
Dimensions (WxDxH)(mm/in.)	82.5 x 46.8 x 24/ 3.25 x 1.84 x 0.94	126 x 51.8 x 24/ 4.96 x 2.04 x 0.94	121 x 75 x 26/ 4.8 x 3.0 x 1.0	155 x 85 x 26/ 6.1 x 3.3 x 1.0

* Available in Q4 2024

Licenses

License Name	Advance Routing License*	Basic Routing License*	Access L3 License*	
Applied Product	XGS4600-52F XGS4600-32F XGS4600-32	XS3800-28	XS1930-12F XS1930-12HP XS1930-10	XMG1930-30HP XMG1930-30
Service Duration	Life time	Life time	Life time	Life time

* The license is only for standalone mode.

Accessories

PoE Extender

Product	PoE12-3PD
	802.3bt PoE Extender
Interface Connections	• PoE In Port: 1 x 10/100/1000BASE-T Ethernet with IEEE 802.3bt PoE++ • PoE Out Port: 3 x 10/100/1000BASE-T Ethernet with IEEE 802.3at PoE+
Data Rate	10/100/1000 Mbps
Max. PoE Power Budget	45 W
Enclosure	IP55, plastic
Installation	Pole and Wall
Power Input	802.3bt (60 W) PoE input only
Operating Temperature	-20°C to 50°C/-4°F to 122°F
ESD/Surge Protections	Ethernet port surge protection: 6 KV Ethernet port ESD protection (air/contact): 8 KV/6 KV
Dimensions (WxDxH)(mm/in.)	180 x 99 x 35.9/7.09 x 3.9 x 1.41
Weight (g/lb.)	257/0.57

PoE Injector

Product	PoE12-30W	PoE12-60W	PoE12-90W
	2.5G PoE+ Injector 	5G PoE++ Injector 	10G PoE++ Injector
Specifications	• Support speed: 100M/1G/2.5G • 2.5G data/PoE+ ports • 30 W power budget • Complies with IEEE 802.3af PoE, 802.3at PoE+ standards • Easy plug-and-play desktop or wall-mounted installation	• Support speed: 100M/1G/2.5G/5G/10G* • 10G* data/PoE++ ports • 60 W power budget • Complies with IEEE 802.3af PoE, 802.3at PoE+, 802.3bt PoE++ 60 W standards • Easy plug-and-play desktop or wall-mounted installation	• Support speed: 100M/1G/2.5G/5G/10G • 10G data/PoE++ ports • 90 W power budget • Complies with IEEE 802.3af PoE, 802.3at PoE+, 802.3bt PoE++ 90 W standards • Easy plug-and-play desktop or wall-mounted installation
Dimensions (WxDxH)(mm/in.)	140 x 45.5 x 30/5.51 x 1.79 x 1.18	140 x 65 x 38.5/5.51 x 2.56 x 1.52	196.25 x 80 x 39.8/7.73 x 3.15 x 1.57

* PoE12-60W supports 10G speeds with deployments using Cat 6a cable or higher, up to a maximum length of 30 meters.

10G Network Adapter PCIe Card

Product	10 Gigabit SFP+	10 Gigabit Copper RJ-45
	XGN100F	XGN100C
	10G Network Adapter PCIe Card with Single SFP+ Port	10G Network Adapter PCIe Card with Single RJ-45 Port
Port Attributes	10 Gigabit SFP+ port	RJ-45 for 100 Mbps/1 Gbps/2.5 Gbps/5 Gbps/ 10 Gbps Ethernet Port Auto-Negotiation
Standard	• IEEE 802.3ae • IEEE 802.1Q Tagged VLAN	• IEEE 802.3an 10 Gbps Ethernet • IEEE 802.3bz 2.5 Gbps/5 Gbps Ethernet • IEEE 802.3ab Gigabit Ethernet • IEEE 802.3u Fast Ethernet • IEEE 802.3az Energy Efficient Ethernet • IEEE 802.1p Priority Queuing
Operating Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
Storage Temperature	-40°C to 85°C/-40°F to 185°F	-40°C to 85°C/-40°F to 185°F

Transceivers

Transceiver Class	10 Gigabit SFP+				
	SFP10G-T*	SFP10G-SR	SFP10G-SR-E	SFP10G-LR	SFP10G-LR-E
Features	• Industry standards compliant • SFP MSA (Multi-Source Agreement) compliant • Hot-pluggable with maximum flexibility • Compact size, high port density • Low power dissipation • Support DDMI (Digital Diagnostics Monitoring Interface) features				
Specifications					
Connector*	RJ-45	Duplex LC	Duplex LC	Duplex LC	Duplex LC
Wavelength	-	850 nm	850 nm	1310 nm	1310 nm
Max transmission distance	0.03 km/32.8 yd	0.3 km/328 yd	0.3 km/328 yd	10 km/10936 yd	10 km/10936 yd
Support DDMI features	-	Yes	Yes	Yes	Yes
Optical fiber type	-	Multi mode	Multi mode	Single mode	Single mode
Pack quantity	Single pack	Single pack	10-pack	Single pack	10-pack

* Works with Cat6a/7 Cable up to 30 m. Switch fan speed will speed up to dissipate the addition heat generated by 10G BASE-T transceiver.

Transceiver Class	Gigabit SFP				
	SFP-1000T	SFP-SX-D	SFP-SX-E	SFP-LX-10-D	SFP-LX-10-E
Features	• Industry standards compliant • SFP MSA (Multi-Source Agreement) compliant • Hot-pluggable with maximum flexibility • Compact size, high port density • Low power dissipation				
Specifications					
Connector*	RJ-45	Duplex LC	Duplex LC	Duplex LC	Duplex LC
Wavelength	-	850 nm	850 nm	1310 nm	1310 nm
Max transmission distance	0.1 km/109 yd	0.55 km/601 yd	0.55 km/601 yd	10 km/10936 yd	10 km/10936 yd
Support DDMI features	-	Yes	Yes	Yes	Yes
Optical fiber type	Multi mode	Multi mode	Multi mode	Single mode	Single mode
Pack quantity	Single pack	Single pack	10-pack	Single pack	10-pack

* Works with Cat6a/7 Cable up to 30 m. Switch fan speed will speed up to dissipate the addition heat generated by 10G BASE-T transceiver.

Transceivers

Transceiver Class	Gigabit SFP					
	SFP-LHX1310-40-D	SFP-ZX-80-D	SFP-BX1310-10-D**	SFP-BX1310-E**	SFP-BX1490-10-D**	SFP-BX1550-E**
Features	• Industry standards compliant • SFP MSA (Multi-Source Agreement) compliant • Hot-pluggable with maximum flexibility • Compact size, high port density • Low power dissipation					
Specifications						
Connector*	Duplex LC	Duplex LC	Single LC	Single LC	Single LC	Single LC
Wavelength	1310 nm	1550 nm	1310 nm (TX) 1490 nm (RX)	1310 nm (TX) 1550 nm (RX)	1490 nm (TX) 1310 nm (RX)	1550 nm (TX) 1310 nm (RX)
Max transmission distance	40 km/ 43744 yd	80 km/ 87488 yd	10 km/ 10936 yd	20 km/ 21872 yd	10 km/ 10936 yd	20 km/ 21872 yd
Support DDMI features	Yes	Yes	Yes	Yes	Yes	Yes
Optical fiber type	Single mode	Single mode	Single mode	Single mode	Single mode	Single mode
Pack quantity	Single pack	Single pack	Single pack	10-pack	Single pack	10-pack

* Works with Cat6a/7 Cable up to 30 m. Switch fan speed will speed up to dissipate the addition heat generated by 10G BASE-T transceiver.
** Only connections with patch cords with PC or UPC connectors are supported.

Fiber Transceiver Accessories

Direct Attached Cable 10G Series	DAC10G	
	DAC10G-1M	DAC10G-3M
Connector	SFP+ to SFP+	SFP+ to SFP+
Max. Transmission Distance (m/ft)	1/3.28	3/9.84
Supply Voltage	3.14 - 3.46 V	3.14 - 3.46 V
Max. Current	150 mA	150 mA

Ethernet Surge Protector

Product	SURGEPRO-GE
Interface Connections	2 RJ-45 connector
Data Line Protection	RJ-45 10/100/1000 Ethernet
IEEE 802.3af/at/bt Support	Yes (802.3bt 60 W supported)
Maximum Discharge Current	8 KA
Line to GND Protection Level	20 KV (10/700 us)/10 KA (8/20 us)
Line to Line Protection Level	4 KV (10/700 us)

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