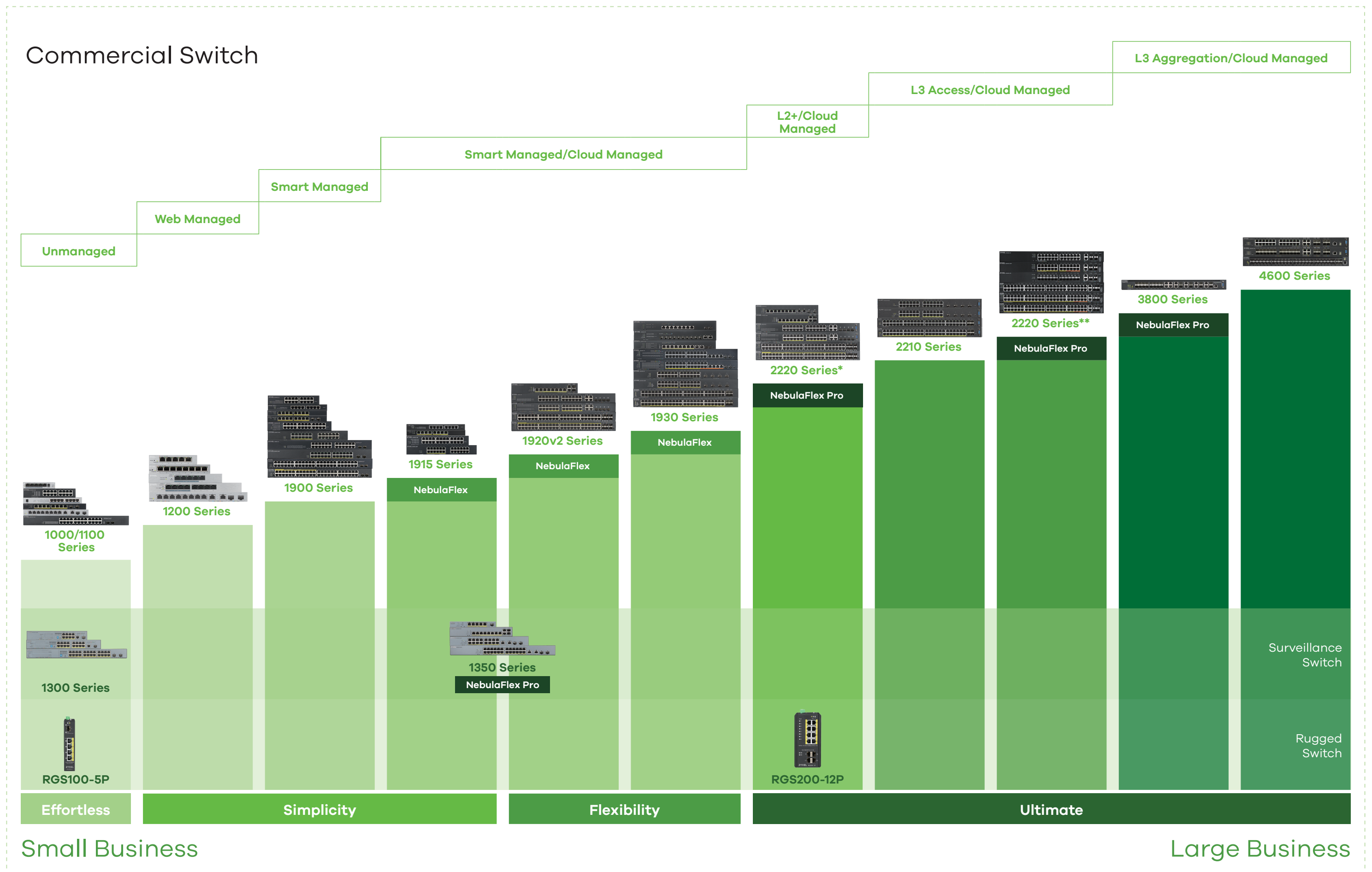




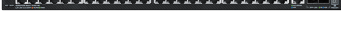
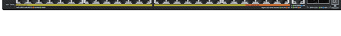
Switch

Switching Portfolio Lineup



* With Gigabit uplinks
** With 10G uplinks

Switch Quick Finder

Switch Class	Series	Performance	Model	
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	2200 Series	Gigabit Ethernet with 10G Uplink	XGS2200-30*	
			XGS2220-30HP*	
			XGS2220-30F*	
			XGS2220-54*	
			XGS2220-54HP*	
			XGS2220-54FP*	
L3 Access	2210 Series	Gigabit Ethernet with 10G Uplink	XGS2210-28	
			XGS2210-28HP	
			XGS2210-52	
			XGS2210-52HP	

* Available in Q1 2023.

Key Features

Model	Ports	Key Features
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 - Physical stacking up to 4 units through the last four 10G combo ports - High resiliency with redundant power supply units - Restore to last custom default button eases the process of troubleshooting
XGS2200-30*	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
XGS2220-30HP*	24-port 1000BASE-T PoE 2-port 10G Multi-Gigabit PoE 4 x 10G SFP+ slots PoE power budget: 400 W	- Tailor-made Networked AV mode brings efficiency to professional AVoIP networking setups and monitoring services - Physical stacking up to 4 units (in the future firmware release) - 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
XGS2220-30F*	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	
XGS2210-28	24-port 1000BASE-T 4 x 10G SFP+ slots	- Gigabit connectivity, plus four (4) SFP+ ports to deal with high-bandwidth network with ease - Physical stacking up to 2 units through 2 standard 10G SFP+ ports - VLAN communication through access switch by static routing feature for agile, reliable network operations - Supports sFlow that analyzes client behavior to discover source of bandwidth abuse - Enhanced network protection with IP source guard, DHCP snooping, ARP inspection, CPU protection - Streamlined network initialization and troubleshooting by supporting ZON utility and Zyxel Smart Connect
XGS2210-28HP	24-port 1000BASE-T PoE 4 x 10G SFP+ slots PoE power budget: 375 W	
XGS2210-52	48-port 1000BASE-T 4 x 10G SFP+ slots	
XGS2210-52HP	48-port 1000BASE-T PoE 4 x 10G SFP+ slots PoE power budget: 375 W	

* Available in Q1 2023.

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	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	
	1920v2 Series	Gigabit Ethernet	GS1920-8HPv2	
			GS1920-24v2	
			GS1920-24HPv2	
			GS1920-48v2	
			GS1920-48HPv2	

* Available in Q4 2022.

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	
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 10GBASE-T 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	
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	

* Available in Q4 2022.

Switch Quick Finder

Switch Class	Series	Performance	Model	
Smart Managed/ NebulaFlex	1915 Series	Gigabit Ethernet	GS1915-8	
			GS1915-8EP	
			GS1915-24	
			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	
Surveillance Managed/ NebulaFlex Pro	1350 Series	Gigabit Ethernet	GS1350-6HP	
			GS1350-12HP	
			GS1350-18HP	
			GS1350-26HP	
Surveillance Unmanaged	1300 Series	Gigabit Ethernet	GS1300-10HP	
			GS1300-18HP	
			GS1300-26HP	

Key Features

Model	Ports	Key Features
GS1915-8	8-port 1000BASE-T	• Supports Nebula to offer a unified cloud network experience, from wired, wireless to security gateway • 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	
GS1915-24	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	• 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
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	• Large power budget • Up to 250 meters transmission • Intuitive PoE usage LED • Support both copper and fiber uplink ports • Internal power supply
GS1900-48HPv2	24-port 1000BASE-T 24-port 1000BASE-T PoE 2 x GbE SFP slots PoE power budget: 170 W	
GS1350-6HP	5-port 1000BASE-T PoE 1 x GbE SFP slot PoE power budget: 60 W	
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	• Large power budget • Up to 250 meters transmission • Intuitive PoE usage LED • Support both copper and fiber uplink ports • Internal power supply
GS1350-26HP	24-port 1000BASE-T PoE 2 x GbE combo ports PoE power budget: 375 W	
GS1300-10HP	8-port 1000BASE-T PoE 1 x GbE SFP slot 1-port 1000BASE-T PoE power budget: 130 W	
GS1300-18HP	16-port 1000BASE-T PoE 1 x GbE SFP slot 1-port 1000BASE-T PoE power budget: 170 W	• Large power budget • Up to 250 meters transmission • Intuitive PoE usage LED • Support both copper and fiber uplink ports • Internal power supply
GS1300-26HP	24-port 1000BASE-T PoE 2 x GbE SFP slots PoE power budget: 250 W	

Switch Quick Finder

Switch Class	Series	Performance	Model
Web Managed	1200 Series	Multi-Gigabit Ethernet	XGS1250-12
			
	Gigabit Ethernet		XGS1210-12
			
			GS1200-5
			
			GS1200-5HP v2
			
			GS1200-8
			
			GS1200-8HP v2
			
Unmanaged	1100 Series	Gigabit Ethernet	GS1100-10HP
			
			GS1100-16
			
	Gigabit Ethernet		GS1100-24E
			
			GS1100-24
			
	Fast Ethernet		ES1100-16
			
			ES1100-24E
			
	1000 Series	Multi-Gigabit Ethernet	ES1100-24
			
			XGS1010-12
			
	Gigabit Ethernet		GS1005HP
			
			GS1008HP
			
Rugged Managed	200 Series	Gigabit Ethernet	RGS200-12P
			
Rugged Unmanaged	100 Series	Gigabit Ethernet	RGS100-5P
			

Key Features

Model	Ports	Key Features
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
GS1200-5HP v2	1-port 1000BASE-T 4-port 1000BASE-T PoE PoE power budget: 60 W	• 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)
GS1200-8	8-port 1000BASE-T	• Fanless, noiseless design
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	
ES1100-16	16-port 10/100BASE-T	• Non-blocking, wire-speed transmission • Auto MDI/MDI-X support
ES1100-24E	24-port 10/100BASE-T	• IEEE 802.3az draft Energy Efficient Ethernet compliant • Fanless design for silent operations
ES1100-24	24-port 10/100BASE-T	• IEEE 802.3x flow control supported • IEEE 802.1p CoS supported
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
GS1008HP	8-port 1000BASE-T PoE PoE power budget: 60 W	• Advanced energy-savings at work • Fanless, noiseless design
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)

LAN Switches Feature Matrix

Model	4600 Series			3800 Series	2200 Series		
	XGS4600-32	XGS4600-32F	XGS4600-52F	XS3800-28	XGS2220-30F*	XGS2220-30*	XGS2220-30HP*
Switch class	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	32	32	52	28	30	30	30
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	24	-	-	-	-	24	24
Gigabit Combo (RJ-45/SFP)	4	4	-	-	-	-	-
Gigabit SFP	-	24	48	-	24	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	4	2	2	2
10 Gigabit SFP+	4	4	4	16	4	4	4
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	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)	136	136	176	560	168	168	168
Forwarding rate (Mpps)	101.1	101.1	130.9	416	125	125	125
Packet buffer (byte)	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
Jumbo frame support	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	4 K/2 K	1 K/512	1 K/512	1 K/512
Routing table	12 K	12 K	12 K	1 K	64	64	64
IP interface	256	256	256	128	32	32	32
Stacking							
Virtual (iStacking)	24	24	24	24	24	24	24
Physical	4	4	4	4	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
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	Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	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)	860 K	794 K	815 K	656 K	353 K	520 K	268 K
Redundant power support	Yes	Yes	Yes	Yes	-	-	-

* Available in Q1 2023
** In the future firmware release

Model	2200 Series			2210 Series			
	XGS2220-54*	XGS2220-54HP*	XGS2220-54FP*	XGS2210-28	XGS2210-28HP	XGS2210-52	XGS2210-52HP
Switch class	L3 Access/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro	L3 Access/ NebulaFlex Pro	L3 Access	L3 Access	L3 Access	L3 Access
Ports							
Total port count	54	54	54	28	28	52	52
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	48	48	48	24	24	48	48
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	-	-	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	2	2	2	-	-	-	-
10 Gigabit SFP+	4	4	4	4	4	4	4
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-
PoE							
Total PoE budget (Watts)	-	600	960	-	375	-	375
802.3at PoE+	-	40	40	-	24	-	48
802.3bt PoE++ (60 W)	-	10	10	-	-	-	-
Performance							
Switching capacity (Gbps)	216	216	216	128	128	176	176
Forwarding rate (Mpps)	161	161	161	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	32 K	32 K	32 K	16 K	16 K	16 K	16 K
Jumbo frame support	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	1 K/512	1 K/512	1 K/512	1 K/512
Routing table	64	64	64	64	64	64	64
IP interface	32	32	32	32	32	32	32
Stacking							
Virtual (iStacking)	24	24	24	24	24	24	24
Physical	4**	4**	4**	2	2	2	2
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	-	-	-	-
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	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	441 x 270 x 45/ 17.36 x 10.63 x 1.77	440 x 330 x 44.5/ 17.32 x 12.99 x 1.75	441 x 270 x 45/ 17.36 x 10.63 x 1.77	440 x 330 x 44.5/ 17.32 x 12.99 x 1.75
Fanless	-	-	-	Yes	-	-	-
MTBF (hrs)	299 K	214 K	227 K	831 K	560 K	970 K	500 K
Redundant power support	-	-	-	Yes	-	-	-

* Available in Q1 2023
** In the future firmware release

Model	2220 Series						1930 Series	
	GS2220-10	GS2220-10HP	GS2220-28	GS2220-28HP	GS2220-50	GS2220-50HP	XS1930-10	XS1930-12HP
Switch class	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	L2+/ NebulaFlex Pro	Smart Managed/ NebulaFlex	Smart Managed/ NebulaFlex
Ports								
Total port count	10	10	28	28	50	50	-	-
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	8	8	24	24	44	44	-	-
Gigabit Combo (RJ-45/SFP)	2	2	4	4	4	4	-	-
Gigabit SFP	-	-	-	-	2	2	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-	8	10
10 Gigabit SFP+	-	-	-	-	-	-	2	2
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	-	-	-	-	-
PoE								
Total PoE budget (Watts)	-	180	-	375	-	375	-	375
802.3at PoE+	-	8	-	24	-	48	-	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-	8
Performance								
Switching capacity (Gbps)	20	20	56	56	100	100	200	240
Forwarding rate (Mpps)	15	15	42	42	74	74	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 support	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
Routing table	-	-	-	-	-	-	32	32
IP interface	-	-	-	-	-	-	32	32
Stacking								
Virtual (iStacking)	24	24	24	24	24	24	-	-
Physical	-	-	-	-	-	-	-	-
Management								
Web GUI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Command Line Interface (CLI)	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	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	Yes	Guest VLAN	Guest VLAN
IP source guard	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	-	-
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	-	-
Physical								
Mounting type	Wall & Rack	Rack	Rack	Rack	Rack	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	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	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	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	-	Yes	-	-	-	-	-
MTBF (hrs)	1213 K	587 K	989 K	693 K	660 K	466 K	778 K	582 K
Redundant power support	-	-	-	-	-	-	-	-

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
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	-	-	-	24	24	48	48
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	-	-	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
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 support	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	GS1915-8	GS1915-8EP	GS1915-24E
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	8	8	24
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	8	24	24	44	44	8	8	24
Gigabit Combo (RJ-45/SFP)	2	4	4	4	4	-	-	-
Gigabit SFP	-	-	-	2	2	-	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-	-
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	-	375	-	375	-	60	-
802.3at PoE+	8	-	24	-	48	-	8	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-	-
Performance								
Switching capacity (Gbps)	20	56	56	100	100	16	16	48
Forwarding rate (Mpps)	15	42	42	74	74	11.9	11.9	35.7
Packet buffer (byte)	1.5 M	1.5 M	1.5 M	1.5 M	1.5 M	525 K	525 K	525 K
MAC address table	16 K	16 K	16 K	16 K	16 K	8 K	8 K	8 K
Jumbo frame support	9 K	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)	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	256/-	256/-	256/-
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	Yes	Yes	Yes	Yes	Yes	Guest VLAN	Guest VLAN	Guest 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 & Desk	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	267 x 162 x 42/ 10.51 x 6.37 x 1.65
Fanless	Yes	Yes	-	-	-	Yes	Yes	Yes
MTBF (hrs)	513 K	911 K	638 K	672 K	502 K	1144 K	1641 K	674 K
Redundant power support	-	-	-	-	-	-	-	-

Model	1915 Series	1900 Series						
	GS1915-24EP	GS1900-8	GS1900-8HP	GS1900-10HP	GS1900-16	GS1900-24E	GS1900-24EP	GS1900-24
Switch class	Smart Managed/ NebulaFlex	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed
Ports								
Total port count	24	8	8	10	16	24	24	26
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	24	8	8	8	16	24	24	24
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	2	-	-	-	2
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-	-
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	-	77	77	-	-	130	-
802.3at PoE+	12	-	8	8	-	-	12	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-	-
Performance								
Switching capacity (Gbps)	48	16	16	20	32	48	48	52
Forwarding rate (Mpps)	35.7	11.9	11.9	14.88	23.8	35.7	35.7	39
Packet buffer (byte)	525 K	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	8 K
Jumbo frame support	9 K	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	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	-	-	-	-	-	-	-
sFlow	-	-	-	-	-	-	-	-
Features								
VLANs (Static/Dynamic)	256/-	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	Guest VLAN
IP source guard	-	-	-	-	-	-	-	-
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	Rack	Wall	Wall	Wall	Wall & Rack	Wall & Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	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	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
Fanless	-	Yes	Yes	Yes	Yes	Yes	-	Yes
MTBF (hrs)	769 K	862 K	926 K	801 K	843 K	804 K	910 K	432 K
Redundant power support	-	-	-	-	-	-	-	-

Model	1900 Series			1350 Series			
	GS1900-24HPv2	GS1900-48	GS1900-48HPv2	GS1350-6HP	GS1350-12HP	GS1350-18HP	GS1350-26HP
Switch class	Smart Managed	Smart Managed	Smart Managed	Surveillance Managed/ NebulaFlex Pro	Surveillance Managed/ NebulaFlex Pro	Surveillance Managed/ NebulaFlex Pro	Surveillance Managed/ NebulaFlex Pro
Ports							
Total port count	26	50	50	6	12	18	26
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	24	48	48	5	10	16	24
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	2	2
Gigabit SFP	2	2	2	1	2	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
1G/2.5G/5G/10G Ethernet (RJ-45)	-	-	-	-	-	-	-
10 Gigabit SFP+	-	-	-	-	-	-	-
10 Gigabit Combo (RJ-45/SFP+)	-	-	-	-	-	-	-
Configurable extended range ports	-	-	-	5	10	16	24
PoE							
Total PoE budget (Watts)	170	-	170	60	130	250	375
802.3at PoE+	24	-	24	3	8	16	24
802.3bt PoE++ (60 W)	-	-	-	2	-	-	-
Performance							
Switching capacity (Gbps)	52	100	100	12	24	36	52
Forwarding rate (Mpps)	39	74	74	8.9	17.8	26.7	38.7
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 support	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	256/-	256/-	256/-	256/-
Advance VLAN (protocol-based, MAC-based, guest VLAN, private 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	Wall	Rack	Rack	Rack
Dimensions (WxDxH)(mm/in.)	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	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
Fanless	-	-	-	Yes	-	-	-
MTBF (hrs)	879 K	229 K	612 K	2022 K	1065 K	1700 K	888 K
Redundant power support	-	-	-	-	-	-	-

Model	1300 Series			1200 Series			
	GS1300-10HP	GS1300-18HP	GS1300-26HP	XGS1250-12	XGS1210-12	GS1200-5HP v2	GS1200-8HP v2
Switch class	Surveillance Unmanaged	Surveillance Unmanaged	Surveillance Unmanaged	Web Managed	Web Managed	Web Managed	Web Managed
Ports							
Total port count	10	18	26	12	12	5	8
Fast Ethernet (RJ-45)	-	-	-	-	-	-	-
Gigabit Ethernet (RJ-45)	9	17	24	8	8	5	8
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	1	1	2	-	-	-	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
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	2	4	4	-	-	-	-
PoE							
Total PoE budget (Watts)	130	170	250	-	-	60	60
802.3at PoE+	8	16	24	-	-	4	4
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-
Performance							
Switching capacity (Gbps)	20	36	52	96	66	10	16
Forwarding rate (Mpps)	14.8	26.7	38.7	71.42	49	7.44	11.9
Packet buffer (byte)	525 K	525 K	525 K	1.5 M	1.5 M	128 K	192 K
MAC address table	8 K	8 K	8 K	16 K	16 K	2 K	4 K
Jumbo frame support	9 K	9 K	9 K	12 K	12 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)	-	-	-	Yes	Yes	-	-
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	Wall & Rack	Rack	Rack	Desktop	Desktop	Desktop & Wall	Desktop & Wall
Dimensions (WxDxH)(mm/in.)	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	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
Fanless	-	-	-	-	Yes	Yes	Yes
MTBF (hrs)	395 K	379 K	348 K	529 K	537 K	896 K	1089 K
Redundant power support	-	-	-	-	-	-	-

Model	1200 Series		1100 Series				
	GS1200-5	GS1200-8	GS1100-10HP	GS1100-16	GS1100-24E	GS1100-24	ES1100-16
Switch class	Web Managed	Web Managed	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Ports							
Total port count	5	8	10	16	24	26	16
Fast Ethernet (RJ-45)	-	-	-	-	-	-	16
Gigabit Ethernet (RJ-45)	5	8	8	16	24	24	-
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	2	-	-	2	-
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
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)	-	-	130	-	-	-	-
802.3at PoE+	-	-	8	-	-	-	-
802.3bt PoE++ (60 W)	-	-	-	-	-	-	-
Performance							
Switching capacity (Gbps)	10	16	20	32	48	52	3.2
Forwarding rate (Mpps)	7.44	11.9	14.88	23.8	35.7	38.7	2.4
Packet buffer (byte)	128 K	192 K	256 K	256 K	525 K	525 K	256 K
MAC address table	2 K	4 K	8 K	8 K	8 K	8 K	8 K
Jumbo frame support	9 K	9 K	9 K	9 K	10 K	10 K	2 K
L3 forwarding table (IPv4/IPv6)	-	-	-	-	-	-	-
Routing table	-	-	-	-	-	-	-
IP interface	-	-	-	-	-	-	-
Stacking							
Virtual (iStacking)	-	-	-	-	-	-	-
Physical	-	-	-	-	-	-	-
Management							
Web GUI	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/-	-	-	-	-	-
Advance VLAN (protocol-based, MAC-based, guest VLAN, private VLAN)	-	-	-	-	-	-	-
IP source guard	-	-	-	-	-	-	-
QoS support	Yes	Yes	-	-	-	-	-
IGMP snooping	Yes	Yes	-	-	-	-	-
IPTV feature set (advanced and granular IGMP control)	-	-	-	-	-	-	-
Loop detection	Yes	Yes	-	-	-	-	-
Enhanced security (BPDU & Root Guard, MAC-Auth, Anti-ARP, DHCP v4v6 server control, IPSG v6)	-	-	-	-	-	-	-
Physical							
Mounting type	Desktop & Wall	Desktop & Wall	Wall	Wall & Rack	Wall & Rack	Rack	Wall & Rack
Dimensions (WxDxH)(mm/in.)	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	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	216 x 133 x 42/ 8.50 x 5.24 x 1.65
Fanless	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MTBF (hrs)	1655 K	1570 K	1000 K	1156 K	366 K	388 K	322 K
Redundant power support	-	-	-	-	-	-	-

Model	1100 Series		1000 Series		Rugged Switch Series		
	ES1100-24E	ES1100-24	XGS1010-12	GS1005HP	GS1008HP	RGS100-5P	RGS200-12P
Switch class	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	L2 Managed
Ports							
Total port count	24	24	12	5	8	5	12
Fast Ethernet (RJ-45)	24	24	-	-	-	-	-
Gigabit Ethernet (RJ-45)	-	-	8	5	8	4	8
Gigabit Combo (RJ-45/SFP)	-	-	-	-	-	-	-
Gigabit SFP	-	-	-	-	-	1	4
10 Gigabit Ethernet (RJ-45)	-	-	-	-	-	-	-
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)	4.8	4.8	66	10	16	10	24
Forwarding rate (Mpps)	3.6	3.6	49	7.44	11.9	7.44	17.86
Packet buffer (byte)	256 K	256 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 support	2 K	2 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
MTBF (hrs)	101 K	296 K	537 K	2139 K	1094 K	568 K	568 K
Redundant power support	-	-	-	-	-	Yes	Yes

Accessories

PoE Injector

Product	PoE12-30W	PoE12-60W
	2.5G PoE+ Injector	5G 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 • 5G 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
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

Network Adapter Series

Network Adapter PCIe Card	10 Gigabit SFP+	10 Gigabit Copper RJ-45
	XGN100F	XGN100C
		
Product name	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
Environmental Specifications		
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

Cable Series

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
Operational Ranges		
Supply voltage	3.14 - 3.46 V	3.14 - 3.46 V
Max. current	150 mA	150 mA

Transceiver Series

Transceiver Class	10 Gigabit SFP+			
	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*	Duplex LC	Duplex LC	Duplex LC	Duplex LC
Wavelength	850 nm	850 nm	1310 nm	1310 nm
Max transmission distance	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	10-pack	Single pack	10-pack

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

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 (nm)	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

* Only connections with patch cords with PC or UPC connectors are supported.
** SFP-BX1310-10-D & SFP-BX1490-10-D, SFP-BX1310-E & SFP-BX1550-E must be used in pairs.

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