



Zyxel GS1920-24HPv2 Managed L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel

Product code: GS192024HPV2-GB0101F

Product name : GS1920-24HPv2



GS1920-24HPv2 - 24-port GbE Smart Managed PoE

[Zyxel GS1920-24HPv2 Managed L2/L3/L4 Gigabit Ethernet \(10/100/1000\) Power over Ethernet \(PoE\) Black:](#)

A new-look smart managed switch with a refreshed design inside and out!

The GS1920v2 series extends the success of the best-selling GS1920 series with a stylish new look and enables cloud manageability with Zyxel NebulaFlex™ technology.

Manage it your way!

The GS1920v2 series introduces Zyxel NebulaFlex™, which allows you to easily switch between standalone mode and our license-free Nebula cloud management platform anytime with just a few simple clicks.



Maximum flexibility for your Gig

The GS1920v2 series is ideal for SMB deployment in multiple scenarios, with its unique port combinations futureproofing your network to ensure easy growth down the road.

Designed for the long haul

A web smart managed switch with an enterprise-grade hardware design. Built-in state-of-the-art hardware technology brings high quality and robustness to SMB networks.

Management features		Design	
Switch type *	Managed	LED indicators	✓
Switch layer	L2/L3/L4	Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
Quality of Service (QoS) support	✓	Performance	
ARP inspection	✓	Internal memory	256 MB
System event log	✓	Flash memory	32 MB
MIB support	RFC 1066, RFC 1213, RFC 1157, RFC 1493, RFC 1643, RFC 1757, RFC 2011,2012,2013, RFC 2233, RFC 2358, RFC 2674, RFC 2819,2925, RFC 3621, RFC 4022, RFC 4113, RFC 4292, RFC 4293	Noise level	27.2 dB
		Mean time between failures (MTBF)	638691 h
Ports & interfaces		Power	
Basic switching RJ-45 Ethernet ports quantity *	24	AC input voltage	100 - 240 V
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	AC input frequency	50 - 60 Hz
Combo SFP ports quantity	4	Power consumption (max)	463.5 W
Fiber optic connector	SFP	Power over Ethernet (PoE)	
Network		Power over Ethernet (PoE) *	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Power over Ethernet (PoE) ports quantity	24
10G support *	✗	Total Power over Ethernet (PoE) budget	375 W
Copper ethernet cabling technology	100BASE-TX, 1000BASE-T	Operational conditions	
Flow control support	✓	Operating temperature (T-T)	0 - 50 °C
Rate limiting	✓	Storage temperature (T-T)	-40 - 70 °C
Spanning tree protocol	✓	Operating relative humidity (H-H)	10 - 95%
VLAN support	✓	Storage relative humidity (H-H)	10 - 95%
		Heat dissipation	1580.54 BTU/h
		Weight & dimensions	
		Width	441 mm
		Depth	270 mm
		Height	44 mm
		Weight	3.8 kg

Network		Packaging content	
Virtual LAN features	IP subnet-based VLAN, MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN	Cables included	AC
		Rack mount kit	✓
Data transmission		Packaging data	
Switching capacity *	56 Gbit/s	Package type	Box
Forwarding rate	42 Mpps	Package width	616 mm
MAC address table *	16000 entries	Package depth	355 mm
Packet buffer memory	1.5 MB	Package height	107 mm
		Package weight	4.97 kg
Security		Certificates	
DHCP features	DHCP client, DHCP relay, DHCP snooping, DHCPv6 relay	Certification	RoHS
Access Control List (ACL)	✓	Logistics data	
IGMP snooping	✓	Harmonized System (HS) code	85176990
Security algorithms	802.1x RADIUS, SNMP, SNMPv3		
IP-MAC-Port binding	✓		
Authentication	Guest VLAN, Port-based authentication		
Password protection	✓		
Authentication type	IEEE 802.1x, RADIUS		
Queue scheduling algorithms	SPQ, WFQ, Weighted Round Robin (WRR)		
Multicast features			
Multicast support	✓		
Design			
Rack mounting *	✓		
Product colour	Black		



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