

# 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

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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 NebulaFlexTM technology.

### Manage it your way!

The GS1920v2 series introduces Zyxel NebulaFlexTM, 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 future proofing 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.

Switch type * Managed L2/L3/L4 Electromagnetic compatibility FCC 15 A, CE A, BSMI EMC Quality of Service (QoS) support   ARP inspection   System event log   FC 1066, RFC 1213, RFC 1157, RFC 1493, RFC 1643, RFC 1157, RFC 2011.2012,2013, RFC 2133, RFC 2674, RFC 2819, 2925, RFC 3621, RFC 4022, RFC 4113, RFC 4292, RFC 4293  FORTS & interfaces   Basic switching RJ-45 Ethernet ports quantity   Basic switching RJ-45 Ethernet ports price of the original specific ori	Management features		Dosima	
Switch layer   12/13/14   Electromagnetic compatibility   FCC 15 A, CE A, BSMI EMC   Quality of Service (QoS) support	Management features		•	
Quality of Service (QoS) support ARP inspection  ARP inspectio	<b>71</b>	•		•
ARP inspection  Variety of the performance of the p	•		Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
Internal memory   256 MB	, , , , , , , , , , , , , , , , , , , ,	<b>V</b>	Performance	
RFC 1066, RFC 1213, RFC 1157, RFC 1433, RFC 1157, RFC 2011.2012, 2013, RFC 2233, RFC 2014, RFC 2012.2013, RFC 2013, RFC 2013, RFC 4293, RFC 2014, RFC 2013, RFC 4293, RFC 2014, RFC 2012, RFC 4293, RFC 2014, RFC 2012, RFC 4293, RFC 2614, RFC 2012, RFC 4293, RFC 2614, RFC 2012, RFC 4293, RFC 2614, RFC 4293, RFC 2614, RFC 4293, RFC 2614, RFC 4293, RFC 2614, RFC 2012, RFC 4293, RFC 4293	•	<b>V</b>	Internal memory	256 MB
RFC 1493, RFC 1493, RFC 1493, RFC 1493, RFC 1493, RFC 1493, RFC 2233, RFC 2233, RFC 2358, RFC 2674, RFC 2819,2925, RFC 3621, RFC 4022, RFC 4113, RFC 4292, RFC 4292, RFC 4292   RFC 4113, RFC 4292, RFC 4292, RFC 4293   Power   AC input voltage   100 - 240 V     AC input voltage   100 - 240 V     AC input voltage   50 - 60 Hz     Basic switching RJ-45 Ethernet ports against tethernet (10/100/1000)   Power over Ethernet (PoE)     Basic switching RJ-45 Ethernet ports against tethernet (10/100/1000)   Power over Ethernet (PoE)     Basic switching RJ-45 Ethernet ports against tethernet (10/100/1000)   Power over Ethernet (PoE)     Basic switching RJ-45 Ethernet ports against tethernet (10/100/1000)   Power over Ethernet (PoE)     Basic switching RJ-45 Ethernet ports against tethernet (10/100/1000)   Power over Ethernet (PoE)     Basic switching RJ-45 Ethernet ports against tethernet (10/100/1000)   Power over Ethernet (PoE)     Power over Ethernet (PoE) ports against tethernet (PoE) ports against tethernet (PoE) power over Ethernet (PoE)     Dower over Ethernet (PoE) ports against tethernet (PoE) ports against tethernet (PoE)     Dower over Ethernet (PoE) ports against tethernet (PoE)     Dower over Ethernet (PoE) ports against tethernet (PoE)     Dower over Ethernet (PoE) ports against tethernet (PoE)     Doperating temperature (T-T)	System event log	PEC 1000 PEC 1212 PEC 1157	Flash memory	32 MB
RFC 2011.2012.2013, RFC 2233, RFC 2233, RFC 2358, RFC 2674, RFC 2819.2925, RFC 36212, RFC 4022, RFC 4113, RFC 4292, RFC 4292  Power Power Set interfaces  Basic switching RJ-45 Ethernet ports quantity *  Basic switching RJ-45 Ethernet ports (apantity *  Basic switching RJ-45 Ethernet (10/100/1000) (apantity RJ-40) (a			Noise level	27.2 dB
Power RFC 4138, RFC 4022, RFC 4022, RFC 4022, RFC 413, RFC 4293 KPC 4293 RFC 4113, RFC 4292, RFC 4293 RFC 4113, RFC 4292, RFC 4293 RFC 4113, RFC 4292, RFC 4293 AC input voltage 100 - 240 V AC input frequency 50 - 60 Hz Ac input frequency 463.5 W Power consumption (max) 463.5 W Power over Ethernet (PoE)  Basic switching RJ-45 Ethernet ports quantity * Basic switching RJ-45 Ethernet ports bype * Combo SFP ports quantity 4 Power over Ethernet (PoE) * Power over Ethernet (PoE) ports quantity Fiber optic connector SFP  Network  Return Retur	MIB support	RFC 2011.2012,2013, RFC 2233, RFC 2358, RFC 2674, RFC 2819,2925, RFC 3621, RFC 4022,	Mean time between failures (MTBF)	638691 h
Ports & interfaces  Basic switching RJ-45 Ethernet ports type *  Combo SFP ports quantity 4  Fiber optic connector  Network  Networking standards *  Degrating relative humidity (H-H)  Degrating relative humidity (H-H)			Power	
Basic switching RJ-45 Ethernet ports quantity  Basic switching RJ-45 Ethernet ports type *  Combo SFP ports quantity  A SFP  Network  Besic switching RJ-45 Ethernet ports type *  Combo SFP ports quantity  A SFP  Network  BEEE 802.1D, IEEE 802.1O, IEEE 802.1O, IEEE 802.1S, IEEE 802.1D, IEEE 802.1S, IEEE 802.1D, IEEE 802.1S, IEEE 802.1D, IEEE 802.1S, IEEE 802.1S, IEEE 802.1A, IEEE			AC input voltage	100 - 240 V
Power over Ethernet (PoE)  Basic switching RJ-45 Ethernet ports type *  Combo SFP ports quantity  A	Ports & interfaces		AC input frequency	50 - 60 Hz
Resic switching RJ-45 Ethernet ports Basic switching RJ-45 Ethernet (10/100/1000) Basic switching RJ-46 Ethernet (10/100/1000) Basic switching RJ-46 Ethernet (10/100/1000) Basic switching RJ-46 Ethernet (10/100/100) Basic switching RJ-46 Ethernet (10/100/100) Basic switching RJ-46 Ethernet (PoE) Bower over Ethernet (PoE) ports  Quantity  Total Power over Ethernet (PoE) ports  Quantity	Basic switching RI-45 Ethernet ports	t ports 24	Power consumption (max)	463.5 W
type * Combo SFP ports quantity Fiber optic connector  Network  Network  Networking standards *  Netwo	quantity *		Power over Ethernet (PoE)	
Fiber optic connector  SFP  Network  Network  Networking standards *  IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1s, IEEE 802.1s, IEEE 802.1s, IEEE 802.1s, IEEE 802.3ad, IEEE 802.	Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Power over Ethernet (PoE) *	✓
Network  Network  Network  Networking standards *  Net	Combo SFP ports quantity	4	the state of the s	24
Network  Networking standards *  Networking standards	Fiber optic connector	SFP	•	
Networking standards *  802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.3ad, IEEE	Network			375 W
Networking standards *    IEEE 802.1w, IEEE 802.1x, IEEE 802.3x, IEEE 802.3ad, IEEE 80	Networking standards *	802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3u,	Operational conditions	
802.3ab, IEEE 802.3ad, IEEE 80			Operating temperature (T-T)	0 - 50 °C
IEEE 802.3x, IEEE 802.3z  Storage relative humidity (H-H)  10 - 95%  Heat dissipation  1580.54 BTU/h  Weight & dimensions  Width  Spanning tree protocol  VLAN support  VLAN support  VEAN support  VE			Storage temperature (T-T)	-40 - 70 °C
Storage relative humidity (H-H) 10 - 95% Heat dissipation 1580.54 BTU/h  Weight & dimensions  Width 441 mm  Spanning tree protocol  VLAN support  VLAN support  VStorage relative humidity (H-H) 10 - 95% Heat dissipation 1580.54 BTU/h  Weight & dimensions  Width 441 mm  Pepth 270 mm  Height 44 mm			Operating relative humidity (H-H)	10 - 95%
Heat dissipation 1580.54 BTU/h  Weight & dimensions  Rate limiting	10C cuppert *		Storage relative humidity (H-H)	10 - 95%
Flow control support  Rate limiting  ✓ Weight & dimensions  Width  441 mm  Spanning tree protocol  ✓ Depth  270 mm  VLAN support  ✓ Height  44 mm	• • • • • • • • • • • • • • • • • • • •		Heat dissipation	1580.54 BTU/h
Rate limiting   Width  441 mm  Spanning tree protocol   Depth  270 mm  VLAN support   Height  44 mm			Weight & dimensions	
Spanning tree protocol ✓ Depth 270 mm  VLAN support ✓ Height 44 mm	• •	1		441 mm
VLAN support ✓ Height 44 mm	•	1		
		1	•	
	- Late Support	•	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 Rack mount kit	AC ✓
		Packaging data	
Data transmission		Package type	Box
Switching capacity * Forwarding rate MAC address table * Packet buffer memory	56 Gbit/s 42 Mpps 16000 entries 1.5 MB	Package width Package depth Package height Package weight	616 mm 355 mm 107 mm 4.97 kg
Security		Certificates	
DHCP features	DHCP client, DHCP relay, DHCP snooping, DHCPv6 relay	Certification	RoHS
		Logistics data	
Access Control List (ACL) IGMP snooping Security algorithms IP-MAC-Port binding Authentication Password protection Authentication type Queue scheduling algorithms	802.1x RADIUS, SNMP, SNMPv3  Guest VLAN, Port-based authentication  IEEE 802.1x, RADIUS SPQ, WFQ, Weighted Round Robin (WRR)	Harmonized System (HS) code	85176990
Multicast features			
Multicast support	✓		
Design			
Rack mounting * Product colour	<b>√</b> Black		



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