

ZYXEL

## Zyxel GS1920-8HPv2 Managed L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

**Brand :** Zyxel

**Product code:** GS1920-8HPV2-GB0101F

**Product name :** GS1920-8HPV2



8-port GbE Smart Managed PoE Switch 2xRJ-45/SFP, 20 Gbps, 267 x 162 x 44mm, 1.9kg  
Zyxel GS1920-8HPv2. Switch type: Managed, Switch layer: L2/L3/L4. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 8. MAC address table: 16000 entries, Switching capacity: 20 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Wall mountable



Management features		Security	
Switch type *	Managed	Queue scheduling algorithms	Strict Priority Queue (SPQ), WFQ, Weighted Round Robin (WRR)
Switch layer	L2/L3/L4		
Quality of Service (QoS) support	✓		
Web-based management	✓		
Cloud-managed	✓		
ARP inspection	✓		
System event log	✓		
MIB support	✓		
Ports & interfaces		Multicast features	
Basic switching RJ-45 Ethernet ports quantity *	8	Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)		
Combo SFP ports quantity	2		
Network		Protocols	
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	Management protocols	SNMP v1, v2c, v3
10G support *	✗		
Port mirroring	✓		
Policy-based routing	✓		
Flow control support	✓		
Broadcast storm control	✓		
Rate limiting	✓		
Spanning tree protocol	✓		
Ethernet LAN data rates	100,1000 Mbit/s		
VLAN support	✓		
Virtual LAN features	Port-based VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN		
Number of VLANs	4000		
		Design	
		Product colour	Black
		Reset button	✓
		LED indicators	✓
		Wall mountable	✓
		Number of fans	0 fan(s)
		Electromagnetic compatibility	FCC Part 15 (Class A), CE EMC (Class A), BSMI ENC
		Performance	
		Internal memory	256 MB
		Flash memory	32 MB
		Fanless	✓
		Mean time between failures (MTBF)	513985 h
		Power	
		Power source *	AC
		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power consumption (max)	161.8 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
		Power over Ethernet (PoE) ports quantity	8
		Total Power over Ethernet (PoE) budget	130 W

Data transmission		Operational conditions	
Switching capacity *	20 Gbit/s	Operating temperature (T-T)	0 - 50 °C
Forwarding rate	15 Mpps	Storage temperature (T-T)	-40 - 70 °C
MAC address table *	16000 entries	Operating relative humidity (H-H)	10 - 90%
Packet buffer memory	1.5 MB	Storage relative humidity (H-H)	10 - 90%
Security		Heat dissipation	551.74 BTU/h
DHCP features	DHCP client, DHCP relay, DHCP snooping	Weight & dimensions	
Access Control List (ACL)	✓	Width	267 mm
IGMP snooping	✓	Depth	162 mm
IGMP proxy	✓	Height	44 mm
Security algorithms	802.1x RADIUS, SSL/TLS	Weight	1.9 kg
MAC address filtering	✓	Packaging content	
Static port security	✓	Cables included	AC
SSH/SSL support	✓	Certificates	
Loop protection	✓	Certification	RoHS
IP-MAC-Port binding	✓		
Password protection	✓		
Authentication type	RADIUS, TACACS+		



4718937602247



4718937577217

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.