

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



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