ZyXEL GS1920-48HPv2 48-port GbE Smart Managed PoE Switch



Product Name: ZyXEL GS1920-48HPv2 48-port GbE Smart Managed PoE Switch
Manufacturer: Zyxel
Model Number: GS1920-48HPv2

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The ZyXEL GS1920-48HPv2 allows you to easily switch between standalone and license-free Nebula cloud management platform anytime with just a few simple clicks.
ZyXEL GS1920-48HPv2 Key Features

ï¿½ 48 x GbE PoE RJ-45 ports
ï¿½ 4 x GbE combo ports
ï¿½ 2 x GbE SFP slots
ï¿½ PoE power budget: 375 W

With rich L2 features such as LACP, advanced QoS, VLAN, ACL and multicast IGMP snooping, the GS1920v2 Series offers intuitive web-based interface for those who still stick on standalone management to access them without learning complex command-line interface (CLI). Additionally, the GS1920v2 Series is also part of the Zyxel One Network, which means that you can use the complimentary ZON Utility to easily perform repetitive operations during the deployment phases.
Experience whisper-silent operations
The GS1920v2 Series includes fanless and built-in smart fan models. The smart fan is designed to automatically adjust speeds based on the device temperature, starting at 26 dBA max at 25°C ambient with GS1920-48v2. You can barely hear the sound while the GS1920v2 Series is working. It is ideal for your office environment.
Maximum flexibility for your Gig
Small and medium-sized businesses (SMBs) today expect a higher level of performance from their networks—more connections to support diverse applications and easier management. The GS1920v2 Series is ideal for SMB deployments in multiple scenarios by providing up to 28 Gigabit copper ports for 24-port models or up to 6 Gigabit fiber ports for 48-port models to futureproof the network for growth.
Support Intelligent PoE Functions
The GS1920v2 Series PoE switches support 802.3at PoE Plus standards to offer 30-watt per port and a 375-watt high-power budget to meet the needs from power-hungry devices. The default consumption mode allows delivery of only the actual power required by devices connected to the switch for better business ROI. The user-friendly PoE consumption indicator located on the front panel and Web GUI to provide real-time power utilization.
ZyXEL GS1920-48HPv2 Technical Specifications
Model

ï¿½ Product name: 48-port GbE Smart Managed PoE Switch
ï¿½ Switch class: Smart Managed

Port Density

ï¿½ Total port count: 50
ï¿½ 100/1000 Mbps: 44
ï¿½ Gigabit Combo (RJ-45/SFP): 4
ï¿½ Gigabit SFP: 2

PoE

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ï¿½ PoE Ports: 48
ï¿½ Total PoE budget (Watts): 375
ï¿½ High power PoE 802.3at: Yes

Performance

ï¿½ Switching capacity (Gbps): 100
ï¿½ Forwarding rate (Mpps): 74
ï¿½ Packet buffer (byte): 1.5 M
ï¿½ MAC address table: 16 K
ï¿½ Flash/RAM: 32 MB/256 MB

Power

ï¿½ Input: 100 to 240 V AC, 50/60 Hz
ï¿½ Max. power consumption (watt): 474.3

Physical Specifications

ï¿½ Item:

ï¿½ Dimensions (WxDxH) (mm/in.): 441 x 270 x 44/ 17.36 x 10.63 x 1.73
ï¿½ Weight (kg/lb.):4.1/9.04

ï¿½ Packing:

ï¿½ Dimensions (WxDxH) (mm/in.):616 x 355 x 107/ 24.25 x 13.98 x 4.21
ï¿½ Weight (kg/lb.): 5.25/11.57

ï¿½ Included accessories: Power cord, Rack mounting kit

Environmental Specifications

ï¿½ Operating environment:

ï¿½ Temperature: 0°C to 50°C/ 32°F to 122°F
ï¿½ Humidity: 10% to 95% (non-condensing)

ï¿½ Storage environment:

ï¿½ Temperature: -40°C to 70°C/ -40°F to 158°F
ï¿½ Humidity: 10% to 95% (non-condensing)

ï¿½ MTBF (hr): 502,509
ï¿½ Heat dissipation (BTU/hr): 1,617.36
ï¿½ Acoustic noise @ 25°C (dBA): 26.5

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Price: £541.77