

ZYXEL

Zyxel XGS1930 52 Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel

Product code: XGS1930-52HP-GB0101F

Product name : XGS1930 52

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- IEEE 802.3z 1000BASE-X
- IEEE 802.3ae 10-Gigabit Ethernet Over Fiber
- IEEE 802.3af PoE
- IEEE 802.3at PoE Plus
- IEEE 802.3az EEE
- IEEE 802.3x flow control
- IEEE 802.3ad LACP aggregation
- IEEE 802.1D Spanning Tree Protocol (STP)
- IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
- IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- IEEE 802.1p Class of Service (CoS) prioritization
- IEEE 802.1X port authentication

XGS1930-52HP - 48-port GbE Smart Managed PoE Switch with 4 SFP+ Uplink

Zyxel XGS1930 52. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Power over Ethernet (PoE). Rack mounting



| Management features | | Design | |
|---|---|--|--------------------------|
| Switch type * | Managed | Rack mounting * | ✓ |
| Switch layer | L3 | Product colour | Black |
| Quality of Service (QoS) support | ✓ | Electromagnetic compatibility | FCC 15 A, CE A, BSMI EMC |
| Web-based management | ✓ | Performance | |
| Ports & interfaces | | Internal memory | 512 MB |
| Basic switching RJ-45 Ethernet ports quantity * | 48 | Flash memory | 32 MB |
| Basic switching RJ-45 Ethernet ports type * | Gigabit Ethernet (10/100/1000) | Noise level | 28.4 dB |
| SFP+ module slots quantity | 4 | Mean time between failures (MTBF) | 494960 h |
| Network | | Power | |
| Networking standards * | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z | AC input voltage | 100 - 240 V |
| | | AC input frequency | 50 - 60 Hz |
| 10G support * | ✓ | Power consumption (max) | 498.4 W |
| Copper ethernet cabling technology | 10BASE-T, 100BASE-TX, 1000BASE-T | Power over Ethernet (PoE) | |
| Port mirroring | ✓ | Power over Ethernet (PoE) * | ✓ |
| IP routing | ✓ | Power over Ethernet (PoE) ports quantity | 48 |
| Routing entries | 32 | Total Power over Ethernet (PoE) budget | 375 W |
| Flow control support | ✓ | Operational conditions | |
| Link aggregation | ✓ | Operating temperature (T-T) | 0 - 50 °C |
| Broadcast storm control | ✓ | 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% |
| Virtual LAN features | Port-based VLAN, Voice VLAN | Heat dissipation | 1699.544 BTU/h |
| Number of VLANs | 4000 | Weight & dimensions | |
| Data transmission | | Width | 441 mm |
| Switching capacity * | 176 Gbit/s | Depth | 330 mm |
| | | Height | 44 mm |
| | | Weight | 5.1 kg |

| Data transmission | | Packaging data | |
|--|---|-----------------------------|----------|
| Forwarding rate | 130.9 Mpps | Cables included | AC |
| MAC address table * | 16000 entries | Package type | Box |
| Static route | ✓ | Rack mount kit | ✓ |
| Packet buffer memory | 1.5 MB | Package width | 585 mm |
| Security | | Package depth | 503 mm |
| DHCP features | DHCP client | Package height | 95 mm |
| Access Control List (ACL) | ✓ | Package weight | 6.31 kg |
| IGMP snooping | ✓ | Logistics data | |
| Security algorithms | 802.1x RADIUS, HTTPS, SNMPv3, SSL/TLS | Harmonized System (HS) code | 85176990 |
| SSH/SSL support | ✓ | | |
| Loop protection | ✓ | | |
| Authentication | Guest VLAN, MAC-based authentication, Port-based authentication | | |
| Password protection | ✓ | | |
| Protocols | | | |
| GARP VLAN Registration Protocol (GVRP) | ✓ | | |



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Publication date: 23-JAN-2023. Prints or copies of Information are only valid on the printed Publication date