

ZYXEL

Zyxel XGS1930-28HP network switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel

Product code: XGS1930-28HP

Product name : XGS1930-28HP

- 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

XGS1930-28HP - 24-port GbE Smart Managed PoE Switch with 4 SFP+ Uplink

Zyxel XGS1930-28HP. 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: 24. MAC address table: 16000 entries, Switching capacity: 128 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). Rack mounting



| Management features                             |                                                                                                                                                                           | Protocols                                |                          |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------|
| Switch type *                                   | Managed                                                                                                                                                                   | GARP VLAN Registration Protocol (GVRP)   | ✓                        |
| Switch layer                                    | L3                                                                                                                                                                        | Design                                   |                          |
| Quality of Service (QoS) support                | ✓                                                                                                                                                                         | Rack mounting *                          | ✓                        |
| Web-based management                            | ✓                                                                                                                                                                         | Product colour                           | Black                    |
| Ports & interfaces                              |                                                                                                                                                                           | Safety                                   | LVD, BSMI                |
| Basic switching RJ-45 Ethernet ports quantity * | 24                                                                                                                                                                        | Electromagnetic compatibility            | FCC 15 A, CE A, BSMI EMC |
| Basic switching RJ-45 Ethernet ports type *     | Gigabit Ethernet (10/100/1000)                                                                                                                                            | Performance                              |                          |
| SFP+ module slots quantity                      | 4                                                                                                                                                                         | Internal memory                          | 512 MB                   |
| Network                                         |                                                                                                                                                                           | Flash memory                             | 32 MB                    |
| Networking standards *                          | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z | Noise level                              | 28.5 dB                  |
|                                                 |                                                                                                                                                                           | Mean time between failures (MTBF)        | 1369432 h                |
| 10G support *                                   | ✓                                                                                                                                                                         | Power                                    |                          |
| Copper ethernet cabling technology              | 10BASE-F, 100BASE-TX, 1000BASE-T                                                                                                                                          | Power source *                           | AC                       |
| Port mirroring                                  | ✓                                                                                                                                                                         | AC input voltage                         | 100 - 240 V              |
| IP routing                                      | ✓                                                                                                                                                                         | AC input frequency                       | 50 - 60 Hz               |
| Routing entries                                 | 32                                                                                                                                                                        | Power consumption (max)                  | 471 W                    |
| Flow control support                            | ✓                                                                                                                                                                         | Power over Ethernet (PoE)                |                          |
| Link aggregation                                | ✓                                                                                                                                                                         | Power over Ethernet (PoE) *              | ✓                        |
| Broadcast storm control                         | ✓                                                                                                                                                                         | Power over Ethernet (PoE) ports quantity | 24                       |
| Spanning tree protocol                          | ✓                                                                                                                                                                         | Total Power over Ethernet (PoE) budget   | 375 W                    |
| VLAN support                                    | ✓                                                                                                                                                                         | Operational conditions                   |                          |
| Virtual LAN features                            | Voice VLAN, Port-based VLAN                                                                                                                                               | Operating temperature (T-T)              | 0 - 50 °C                |
|                                                 |                                                                                                                                                                           | Storage temperature (T-T)                | -40 - 70 °C              |
|                                                 |                                                                                                                                                                           | Operating relative humidity (H-H)        | 10 - 95%                 |

| Network                   |                                                                 | Operational conditions          |               |
|---------------------------|-----------------------------------------------------------------|---------------------------------|---------------|
| Number of VLANs           | 4000                                                            | Storage relative humidity (H-H) | 10 - 95%      |
| Data transmission         |                                                                 | Heat dissipation                | 1606.11 BTU/h |
| Switching capacity *      | 128 Gbit/s                                                      | Weight & dimensions             |               |
| Forwarding rate           | 95.2 Mpps                                                       | Width                           | 441 mm        |
| MAC address table *       | 16000 entries                                                   | Depth                           | 330 mm        |
| Static route              | ✓                                                               | Height                          | 44 mm         |
| Path MTU discovery        | ✓                                                               | Weight                          | 4.6 kg        |
| Packet buffer memory      | 1.5 MB                                                          | Packaging content               |               |
| Security                  |                                                                 | Cables included                 | AC            |
| DHCP features             | DHCP relay, DHCPv6 relay, DHCP client                           | Rack mount kit                  | ✓             |
|                           |                                                                 | Packaging data                  |               |
| Access Control List (ACL) | ✓                                                               | Package width                   | 585 mm        |
| IGMP snooping             | ✓                                                               | Package depth                   | 503 mm        |
| Security algorithms       | 802.1x RADIUS, HTTPS, SHA-2, SNMPv3, SSL/TLS                    | Package height                  | 95 mm         |
| SSH/SSL support           | ✓                                                               | Package weight                  | 5.82 kg       |
| Loop protection           | ✓                                                               |                                 |               |
| Authentication            | Guest VLAN, MAC-based authentication, Port-based authentication |                                 |               |
| Password protection       | ✓                                                               |                                 |               |
| CPU defense               | ✓                                                               |                                 |               |
| Multicast features        |                                                                 |                                 |               |
| Multicast support         | ✓                                                               |                                 |               |



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### Catalog Object Cloud



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