



## Fiberhome S4820-28T-X-PE-AC | Switch | 24x RJ45 1000Mb/s PoE, 4x SFP+



link to the product:

<https://www.batna24.com/gb/p/switches/fiberhome-s4820-28t-x-pe-ac-switch-24x-rj45-1000mb-s-poe-4x-sfp>

Price: **725.70 zł** gross / 590.00 zł net



Manufacturer: FIBERHOME

Referention number: DNXXGGJKLHRMMGL



### Product features

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Power source                        | mains electricity                   |
| Height                              | 44 mm                               |
| LED indicators                      | LAN                                 |
| Width                               | 440 mm                              |
| Depth                               | 290 mm                              |
| Security algorithms                 | SNMP                                |
| VLAN mapping type                   | 1:1 VLAN mapping                    |
| Cables included                     | AC                                  |
| Rack mounting                       | Yes                                 |
| Power consumption (max)             | 400 W                               |
| IPv4 & IPv6 features                | IPv4/IPv6 access-control list (ACL) |
| Temperature sensor                  | Yes                                 |
| Humidity measurement range          | 5 - 95%                             |
| Configuring Location Settings (CLI) | Yes                                 |
| Switching capacity                  | 128 Gb/s                            |
| Networking standards                | IEEE 802.3ab                        |
| Switch type                         | Managed                             |
| 10G support                         | Yes                                 |
| Full duplex                         | Yes                                 |

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Number of VLANs                                | 4096                           |
| Operating temperature (T-T)                    | -20 to 55 °C                   |
| Quality of Service (QoS) support               | Yes                            |
| Package type                                   | Box                            |
| Rack mount kit                                 | Yes                            |
| VLAN support                                   | Yes                            |
| Link aggregation                               | Yes                            |
| IGMP snooping                                  | Yes                            |
| Web-based management                           | Yes                            |
| Fiber optic connector                          | SFP+                           |
| Port mirroring                                 | Yes                            |
| Jumbo frames support                           | Yes                            |
| MAC address table                              | 16384 entries                  |
| Power supply included                          | Yes                            |
| Power over Ethernet (PoE) ports quantity       | 24                             |
| Power over Ethernet (PoE)                      | Yes                            |
| Installed SFP+ modules quantity                | 4                              |
| AC input frequency                             | 50 Hz                          |
| AC input voltage                               | 100 V                          |
| Power over Ethernet (PoE) power per port       | 30 W                           |
| Gigabit Ethernet (copper) ports quantity       | 24                             |
| System event log                               | Yes                            |
| Power over Ethernet plus (PoE+) ports quantity | 24                             |
| DHCP features                                  | DHCP client                    |
| Built-in processor                             | Yes                            |
| Power over Ethernet (PoE) type supported       | Active PoE                     |
| Product colour                                 | Black                          |
| Power connector                                | AC-in jack                     |
| Switch layer                                   | L2+/L3                         |
| Multicast support                              | Yes                            |
| Number of power supply units                   | 1                              |
| Basic switching RJ-45 Ethernet ports type      | Gigabit Ethernet (10/100/1000) |
| Watch case material                            | Metal                          |
| Basic switching RJ-45 Ethernet ports quantity  | 24                             |
| Stackable                                      | No                             |
| Product weight                                 | 4000 g                         |

## Full product description

### S4820-X Series Gigabit Switches from Fiberhome

The **S4820-X Series Gigabit Switches** are next-generation **Layer 2 and Layer 3** devices developed by FiberHome for service providers and enterprise networks. **The S4820-28T-X-PE-AC switch** provides high switching capacity and **24 Gigabit ports with PoE**, enabling **10Gbit/s upstream** transmission. It can be used in various scenarios such as the convergence layer of large enterprise and campus networks, the core layer of medium and small enterprise networks and the edge layer of MAN networks, and as a desktop switch for GE terminal access. **The S4820-28T-X-PE-AC incorporates advanced reliability, security, and power-saving technologies** to help customers build networks with lower operating and capital costs.

### High reliability

The **Fiberhome S4820-28T-X-PE-AC** provides Ethernet reliability-enhancing technologies such as STP/RSTP/MSTP, Ethernet Ring Protection Switching (G.8032) with millisecond-level protection switching, and R-link and VRRP for link-level reliability. All S4820-X models support 1 permanent power supply, and the AC power supply and DC power supply can be used simultaneously. In addition, the switch supports error and alarm detection for power supply and fan modules, and the fan speed can be automatically adjusted according to temperature changes.



## Support for advanced services

The **S4820-28T-X-PE-AC Gigabit switch** supports IGMP snooping, IGMP proxy, IGMP filter, and IGMP fast leave services to provide robust multicast support. It offers multicast packet replication between VLANs at link speed and multicast load balancing between trunk member interfaces to meet the requirements of IPTV and other multicast services.

## Superior QoS

The **Fiberhome S4820-28T-X-PE-AC switch** offers **24 PoE-enabled gigabit Ethernet ports** with intelligent services that provide seamless data flow through tagging, classification and scheduling mechanisms. It supports traffic classification based on multiple criteria such as MAC/IP address, Layer 4 TCP/UDP port number, protocol, port and VLAN. Each port supports 8 priority queues with multiple queue scheduling algorithms such as SP/PQ, WRR to ensure that the highest priority packets are processed before all other traffic.



## Advanced security features

**Fiberhome S4820-X** offers a comprehensive security solution, providing **service protection in three aspects: subscriber, switch, and network**. Subscriber security helps create protection for customers through multiple features. DHCP Snooping, ARP Inspection and IP Source Guard help identify each client based on MAC, IP address and port information to prevent malicious attacks.

**Switch security** means that the CPU can be protected from **DoS and storm attacks**. The port security feature allows you to control the number of MAC addresses so as not to overload the switch memory. Network security involves filtering all incoming traffic to ensure that only valid traffic passes through the network by applying various ACL rules, and IEEE 802.1x authentication prevents unsecured terminals from illegally invading the entire network.