



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



link to the product:

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

Price: **479.70 zł** gross / 390.00 zł net



Manufacturer: FIBERHOME

Referention number: DNXXGGJKLGRMLPM



Product features

Power source	mains electricity
Height	44 mm
LED indicators	LAN
Width	440 mm
Depth	190 mm
Security algorithms	SNMP
VLAN mapping type	1:1 VLAN mapping
Virtual LAN features	VLAN mapping
Cables included	AC
Rack mounting	Yes
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL)
Console port	RJ-45
Temperature sensor	Yes
Humidity measurement range	5 - 95%
Switching capacity	128 Gb/s
Networking standards	IEEE 802.1p
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
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)	No
Installed SFP+ modules quantity	4
AC input frequency	50 Hz
AC input voltage	100 V
Gigabit Ethernet (copper) ports quantity	24
DHCP features	DHCP client
Built-in processor	Yes
Product colour	Black
Switch layer	L2+/L3
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	3800 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-AC switch** provides high switching capacity and **24 Gigabit ports**, 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-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-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.

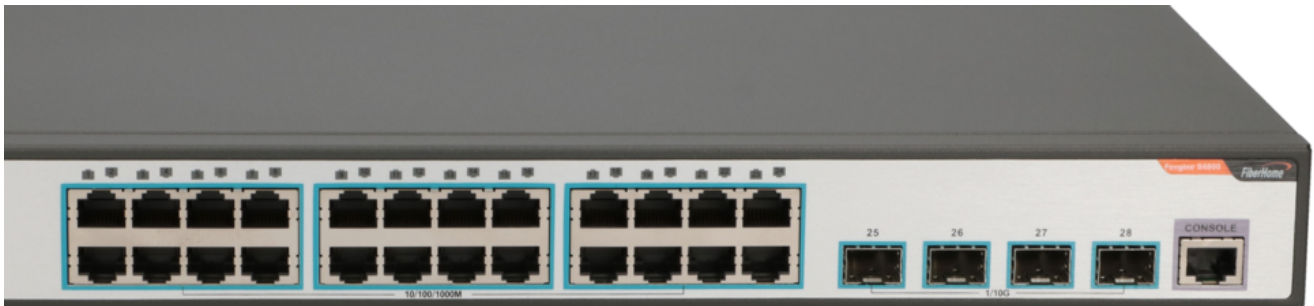


Support for advanced services

The **S4820-28T-X-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-AC switch** offers **24 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.