ZyXEL XS3700-24 (XS3700-24-ZZ0101F)

XS3700 Series, 24-port 10GbE L2+ Switch

Price details:
Price excl. VAT: 3,186.52 €
Eco fees: 0.30 €
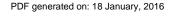VAT 21 %: 669.23 €

Product details:
Product code: XS3700-24-ZZ0101F
EAN: 4718937581276
Manufacturer: ZyXEL

PDF generated on: 18 January, 2016

ZyXEL

3,856.05 €

* VAT included

ZyXEL's 10GbE L2+ Managed Switch Offers Line-rate Performance for Virtualization and Convergence

ZyXEL designed its next-generation 10GbE L2+ Managed Switch-the XS3700-24-for unmatched resilience and non-blocking performance in server virtualization, as well as managing Gigabit traffic from the network edge. The XS3700-24 is not only capable of providing a complete array of L2+features; it also handles basic layer-3 routing. This includes both static route and policy routes to ensure flexible deployments and uninterrupted network availability. The XS3700-24's redundancy support for both its hardware and software makes it the ideal enterprise-grade 10GbE backbone.

Flexible port configuration for transitioning networks

The XS3700-24 features a host of connectivity options for flexible port configuration, including eight 10GbE copper connection ports, 12-port SFP+ for 10GbE uplink and four 10GbE SFP+ combos for fiber links. This allows businesses to leverage copper connectivity in their existing 10GbE servers. It is now possible to increase network flexibility to incrementally meet growing bandwidth demands by aggregating current 10GbE switches with fiber links through this 24-port 10GbE switch.

Enterprise-grade network backbone for SMBs

Faster speeds, increased bandwidth and enhanced reliability are a must for any business network undergoing data center consolidation and virtualization. The XS3700-24's built-in 10GbE aggregation capabilities allow the device to deliver 480 Gbps switching capacity and 357.14 Mpps forwarding rates with an added 4MB packet buffer. Static route and policy route ensure zero overhead on traffic for the best possible quality of service (QoS). Finally, the XS3700-24 makes virtualization and convergence easy with its high-density line-in performance.

ZyXEL One Network experience

Aiming for relieving our customers from repetitive operations of deploying and managing a network, ZyXEL One Network is designed to simplify the configuration, management, and troubleshooting, allowing our customers to focus on the business priorities. ZyXEL One Network presents an easy-to-use tool, ZyXEL One Network Utility (ZON Utility), to realize speed network setup. ZyXEL Smart Connect allows ZyXEL networking equipment to be aware and recognize each other and further facilitating the network maintenance via one-click remote functions such as factory reset or power cycling. ZyXEL One Network redefines the network integration across multiple networking products from switch to Wi-Fi AP and to Gateway.

Resiliency and availability for non-stop business continuity

The XS3700-24 features no single point of failure (NSPOF) in both its hardware and software design, providing the reliability necessary for uninterrupted service in a business environment. This is made possible by the device's high-redundancy hardware architecture, which includes dual internal power supplies, dual image on dual flash and high-availability software design via Virtual Router Redundancy Protocol (VRRP). This last feature-VRRP-allows several first-hop virtual routers to dynamically share an IP address by assigning one the role of master while the remainder are designated as backups.

Comprehensive security and access protection

Security is on the mind of every user and network administrator these days. That is why ZyXEL equips the XS3700-24 with the most comprehensive array of security features to enhance isolation and control while avoiding service interruptions, making it the ideal SMB solution for virtualization and convergence. Once such feature is loop guard, which helps avoid breaks in service caused by switching loops. Other advanced defense mechanisms include TACAS+ and RADIUS authentication, both of which can increase system security by blocking unauthorized logons. Finally, features like IP source guard, DHCP snooping and ARP inspection can detect and block international network attacks.

Main specifications:

Management features
Switch type:	Managed
Switch layer:	L2+
MIB support:	RFC 1066, RFC 1213, RFC 1493, RFC 1643, RFC 1757, RFC 2011/2012/2013, RFC 2233, RFC 2358, RFC 2674, RFC 2819, RFC 4022, RFC 4113, RFC 4292, RFC 4293
Quality of Service (QoS) support:	Y
Web-based management:	Y

Ports & interfaces
Basic switching RJ-45 Ethernet ports quantity:	8
Basic switching RJ-45 Ethernet ports type:	10G Ethernet (100/1000/10000)
SFP+ ports quantity:	12
Combo SFP ports quantity:	4
Console port:	RS-232
Copper ethernet cabling technology:	1000BASE-T,10GBASE-T

Networking
Networking standards:	IEEE 802.1ab,IEEE 802.1ag,IEEE 802.1D,IEEE 802.1p,IEEE 802.1w,IEEE 802.3ad,IEEE 802.3ae,IEEE 802.3ah,IEEE 802.3an,IEEE 802.3az,IEEE 802.3x,IEEE 802.3z
DHCP server:	Y
10G support:	Y
VLAN support:	Y

Data transmission
MAC address table:	16000 entries
Switching capacity:	480 Gbit/s
Throughput:	357.14 Mpps

Optical fiber
Fiber optic connector:	SFP,SFP+

Security
SSH/SSL support:	N

Protocols
Management protocols:	SNMP v1, SNMP v2c, SNMP v3, RMON 1/2/3/9

Design
Rack mounting:	Y
Colour of product:	Black
Form factor:	1U
Safety:	LVD, BSMI
Certification:	EMC: FCC Part 15 (Class A), CE EMC (Class A), BSMI ENCRoHS: Level A

Performance
Internal memory:	512 MB
Flash memory:	32 MB
Packet buffer memory:	4 MB
Mean time between failures (MTBF):	446034.72 h

Power
AC input voltage:	100-240 V
AC input frequency:	50/60 Hz

Power over Ethernet (PoE)
Power over Ethernet (PoE) support:	N

Operational conditions

Operating temperature (T-T):	0 - 50 °C
Storage temperature (T-T):	-40 - 70 °C
Operating relative humidity (H-H):	10 - 95 %
Storage relative humidity (H-H):	10 - 95 %

Weight & dimensions

Width:	440 mm
Depth:	438 mm
Height:	44 mm
Weight:	7392 g

Packaging data

Cables included:	AC
Package width:	615 mm
Package depth:	550 mm
Package height:	115 mm
Package weight:	9721 g

Operating temperature (T-T):	0 - 50 °C
Storage temperature (T-T):	-40 - 70 °C