

XPS-1220-18

16 port 10/100/1000T + 2 port 100/1000 SFP L2+ Managed Switch



- 16 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Auto Negotiation
- Store-and-Forward
- IEEE802.1x
- IEEE802.3x
- IEEE802.3z/ab

Technical Specs.

Model No	XPS-1220-18
Port Capacity	18 Port Managed Switch
Port Types	16x 10/100/1000Base-T RJ45 copper ports + 2x 100/1000 SFP ports + 1 RJ45 console port

Performance

Switching Capacity	36 Gbps, wire speed, (non-blocking)
Forwarding Rate	26.78 Mpps
MAC Table	8K
Jumbo Frames	9.6KB
Memory	4 M
Auto-negotiation	•
Auto MDI/MDIX	•
Store-and-Forward	•

Layer 2+ Features

Spanning Tree Protocol (STP)	IEEE802.1d Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1s Multiple Spanning Tree Protocol Loop Back Detection
IGMP Snooping	IGMP v1/v2
VLANs	Support up to 4K VLANs Port-based VLAN 802.1Q tag-based VLAN
Link Aggregation (TRUNK)	IEEE 802.3ad LACP
Ethernet Ring Protection Switching	G.8032 ERPS
Flow Control	IEEE802.3x
Private VLAN	•
Static Routing	•
Q in Q	•

Security Features

Broadcast, multicast , unicast storm control
 Secure Sockets Layer (SSL), Web security
 DHCP Snooping
 ARP Inspection
 IP Source Guard
 AAA, RADIUS and TACACS+

Secure Shell (SSH), Telnet security, supports SSH v1 and v2
 ACL, VLAN ID or IP address,
 MAC Based, Protocol based, Port Based, TCP/ UDP
 Ethernet type, ICMP, IGMP, TCP flag
 Port Security

Management

Web/SSL	SNMP	Firmware upgrade,
Port Mirroring	DHCP Client	(HTTP/HTTPs and TFTP)
Port Isolation	Web GUI Interface	LLDP
Telnet/SSH	Cable Diagnostics	SNTP
Ping	CPU Load	TFTP
HTTP/HTTPs	Dual Image	Syslog
Timezone		

IPv6

IPv6 MLD snooping	IPv4/IPv6 Dual Protocol Stack
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Quality of Service

CoS	8 queues per port TCP/ UDP Strict priority Weighted Round Robin (WRR)
Rate Limiting	Ingress/Egress Rate control
Traffic classification	IEEE802.1p DSCP / IP precedence

Environment

Input Power	AC100-240V, 50-60Hz
Total Power Consumption	30 W
Operating/Storage Temperature	0 - 50 °C / -20 - 75 °C
Operating Humidity	10% - 90%, non-condensing



Mechanical

Dimension	440 x 290 x 44.5 mm
Weight	3.050 kg
Installation	Free-standing, wall-mounted

Standards

CE mark, commercial	FCC Part 15 Class B
VCCI Class B	ISO 9001
EN55022 (CISPR 22), Class B	CE/LVD EN60950, RoHS

Ordering Information

XPS-1220-18 16 port 10/100/1000T + 2 port 100/1000 SFP L2+ Managed Switch

Modules

XPS-21LX XPS Dual Core LX SM 10Km SFP Module -10/50°C
XPS-21SX XPS Dual Core SX MM SFP Module -10/50°C

*more module ranges are available upon request.