

XPS-1320-28P

24 port 10/100/1000 PoE + 4 port 1/10G SFP+ L2+ Managed Switch



- 24 Port 1000BaseT
- 4 Port 1/10G SFP+
- L2+ Features
- Total PoE Budget: 400 W
- 24 ports PoE
- IEEE802.1x
- IEEE802.3z/ab
- IEEE802.3ae

Technical Specs.

Model No	XPS-1320-28P
Port Capacity	28 Port Managed PoE Switch
Port Types	24x 10/100/1000Base-T RJ45 copper ports (PoE) + 4x 1/10G SFP+ ports + 1 RJ45 console port + 1 reset key

Performance

Switching Capacity	128 Gbps, wire speed, (non-blocking)
Forwarding Rate	95.23 Mpps
MAC Table	32K
Jumbo Frames	10K
Flash RAM	256M
RAM	2G
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 , BPDU Guard
IGMP Snooping	IGMP v1/v2
VLANs	Support up to 4K VLANs Port-based VLAN 802.1Q tag-based VLAN
Link Aggregation (Port Trunk)	IEEE802.3ad LACP (Up to 26 group, max. 8 port per group)
Ethernet Ring Protection Switching	G.8032 ERPS
Flow Control	IEEE802.3x
Private VLAN	✓
Static Routing	✓
Q in Q	✓

Security Features

<p>Broadcast, multicast , unicast storm control Secure Sockets Layer (SSL), Web security DHCP Snooping ARP Inspection IP Source Guard AAA, RADIUS and TACACS+</p>	<p>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 IP+MAC Binding Port Based</p>
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Management

Web/SSL	SNMP v1,2,3	Firmware upgrade, (HTTP/HTTPs and TFTP)
Port Mirroring	DHCP Client/Relay/Option82	LLDP
Port Isolation	Web GUI Interface	SNTP
Port Speed Limit	Cable Diagnostics	TFTP
Telnet/SSH	CPU Load	HTTP/HTTPs
Ping	Dual Image	
Timezone	Syslog	

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) Weighted Fair Queuing (WRQ)
Rate Limiting	Ingress/Egress Rate control
Traffic classification	IEEE802.1p DSCP / IP precedence
RMON	4 Group
ToS	✓
First Come First Served	✓
Head of Line	✓
Best Effort Service	✓

PoE

Standard	IEEE802.3af IEEE802.3at
Total PoE Budget	400W
Max. PoE Power for each port	30W



Environment

Input Power	AC100-240V, 50-60Hz
Total Power Consumption	411 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	4.050 kg
Installation	Free-standing, wall-mounted

Standards

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

XPS-1320-28P 24 port 10/100/1000 PoE + 4 port 1/10G 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
XPS-22LR	XPS Dual Core LR 10G SM 10Km SFP Module -10/50°C
XPS-22SR	XPS Dual Core SR 10G MM SFP Module -10/50°C

*more module ranges are available upon request.