

## XPS-1320-36PH

24 port 10/100/1000 PoE + 8 port 100/1000 SFP + 4 port 10G SFP+ L2+ Managed Switch



- 24 Port 1000BaseT
- 8 Port 100/1000 SFP
- 4 Port 10G SFP+
- L2+ Features
- Total PoE Budget: 600 W
- 24 ports PoE
- IEEE802.1x
- IEEE802.3z/ab
- IEEE802.3ae

### Technical Specs.

Model No	XPS-1320-36PH
Port Capacity	36 Port Managed PoE Switch
Port Types	24x 10/100/1000Base-T RJ45 copper ports (PoE) + 8x 100/1000 SFP ports + 4x 10G SFP+ ports + 1 RJ45 console port + 1 reset key

### Performance

Switching Capacity	144 Gbps, wire speed, (non-blocking)
Forwarding Rate	107.14 Mpps
MAC Table	32K
Jumbo Frames	9.6KB
SRAM Memory	32 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

<p><b>Broadcast, multicast , unicast storm control</b>  <b>Secure Sockets Layer (SSL), Web security</b>  <b>DHCP Snooping</b>  <b>ARP Inspection</b>  <b>IP Source Guard</b>  <b>AAA, RADIUS and TACACS+</b></p>	<p><b>Secure Shell (SSH), Telnet security, supports SSH v1 and v2</b>  <b>ACL, VLAN ID or IP address,</b>  <b>MAC Based, Protocol Based, Port Based, TCP/ UDP</b>  <b>Ethernet type,ICMP, IGMP, TCP flag</b>  <b>Port Security</b>  <b>IP+MAC Binding Port Based</b></p>
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### Management

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

### IPv6

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

<b>CoS</b>	8 queues per port TCP/ UDP Strict priority Weighted Round Robin (WRR) Weighted Fair Queuing (WRQ)
<b>Rate Limiting</b>	Ingress/Egress Rate control
<b>Traffic classification</b>	IEEE802.1p DSCP / IP precedence
<b>ToS</b>	•
<b>First Come First Served</b>	•
<b>Head of Line</b>	•
<b>Best Effort Service</b>	•

### PoE

<b>Standard</b>	IEEE802.3af IEEE802.3at
<b>Total PoE Budget</b>	600W
<b>Max. PoE Power for each port</b>	30W

### Environment

Input Power	AC100-240V, 50-60Hz
Total Power Consumption	611W
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	4.312 kg
Installation	Free-standing, wall-mounted

### Standards

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

### Ordering Information

<b>XPS-1320-36PH</b>	24 port 10/100/1000 PoE + 8 port 100/1000 SFP + 4 port 10G SFP+ L2+ Managed Switch
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### Modules

<b>XPS-21LX</b>	XPS Dual Core LX SM 10Km SFP Module -10/50°C
<b>XPS-21SX</b>	XPS Dual Core SX MM SFP Module -10/50°C
<b>XPS-22LR</b>	XPS Dual Core LR 10G SM 10Km SFP Module -10/50°C
<b>XPS-22SR</b>	XPS Dual Core SR 10G MM SFP Module -10/50°C

\*more module ranges are available upon request.