

XPS-1530-28F

24 port 1/10G SFP+ + 4 port 40/100G QSFP28 Layer 3 Managed Fiber Switch



- 24 Port 1/10G SFP+
- 4 Port 40/100G QSFP28
- Full L3 Features
- RIP v1/v2 OSPF BGP
- sFLOW
- MPLS



Technical Specs.

| | |
|---------------|---|
| Model No | XPS-1530-28F |
| Port Capacity | 28 Port Layer 3 Managed Fiber Switch |
| Port Types | 24x 1/10G SFP+ + 4x 40/100G QSFP28 + 1 RJ45 + 1 USB |

Performance

| | |
|--------------------|---------------------------------------|
| Switching Capacity | 1.28 Tbps, wire speed, (non-blocking) |
| Forwarding Rate | 960 Mpps |
| MAC Table | 32K |
| Jumbo Frames | 16K |
| Flash RAM | 32M |
| RAM | 1G |
| 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 |
| Multicast | IGMP v1/v2/v3 |
| VLANs | Support up to 4K VLANs Port-based VLAN 802.1Q tag-based VLAN Guest VLAN GVRP |
| Link Aggregation (Port Trunk) | IEEE802.3ad LACP |
| Ethernet Ring Protection Switching | G.8032 ERPS |
| Flow Control | IEEE802.3x |
| Private VLAN | ✓ |
| Q in Q | ✓ |

Layer 3 Features

| | |
|----------------|---|
| Static Routing | ✓ |
| BGP | ✓ |
| OSPF | ✓ |
| RIP v1/v2 | ✓ |
| VRRP | ✓ |
| MPLS | ✓ |



Security Features

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

Management

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|------------------|----------------------------|-----------------------|
| Web/SSL | SNMP v1,2,3 | Firmware upgrade, |
| Port Mirroring | DHCP Client/Relay/Option82 | (HTTP/HTTPs and TFTP) |
| Port Isolation | Web GUI Interface | LLDP |
| Port Speed Limit | ITU-Y.1731 | SNTP |
| Telnet/SSH | CPU Load | TFTP |
| Ping | Dual Image | HTTP/HTTPs |
| Timezone | Syslog | sFLOW |
| 802.1ag | 802.3ah | Stacking |

IPv6

| | |
|---------------------|-------------------------------|
| IPv6 MLD snooping | IPv4/IPv6 Dual Protocol Stack |
| DHCPv6 | ICMPv6 |
| ACLv6 | IPv6 Telnet |
| IPv6 Static Routing | OSPFv3 |
| RIPng | BGP4+ |
| IPv6 discovery | MTU Discovery |
| Manual Tunnel | 6 to 4 ISATAP tunnel |

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 | ✓ |



Environment

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|-------------------------------|---------------------------|
| Input Power | 2 x AC100-240V, 50-60Hz |
| Max. Power Consumption | 78 W |
| Operating/Storage Temperature | -20 - 55 °C / -40 - 75 °C |
| Operating Humidity | 5% - 90%, non-condensing |

Mechanical

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|--------------|-------------------------------|
| Dimension | 442.5 x 315 x 44 mm |
| Weight | 6.2 kg |
| Installation | Free-standing, 19' rack mount |

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-1530-28F 24 port 1/10G SFP + 4 port 40/100G QSFP28 Layer 3 Managed Fiber 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 |
| XPS-Q3LR | XPS Dual Core LR 40G SM 10Km QSFP+ Module -10/50°C |
| XPS-Q3SR | XPS Eight Core SR 40G MM QSFP+ Module -10/50°C |
| XPS-Q4LR | XPS Dual Core LR4 100G SM 10Km QSFP28 Module -10/50°C |
| XPS-Q4SR | XPS Eight Core SR4 100G MM QSFP28 Module -10/50°C |

*more module ranges are available upon request.