

TELCO SYSTEMS

XM-7280



Compact High-Performance Carrier Ethernet Switch

Built with advanced Layer 2/3, MPLS, QoS capabilities, the XM-7280 supports critical applications such as 4G/5G mobile backhaul, business services, and data center interconnects. It ensures reliability and scalability while meeting diverse requirements for bandwidth, latency,

and packet loss. The XM-7280 supports 1588v2 (OC, BC, and TC) for high-precision clock synchronization and is compliant with ITU-T G.8275.1, making it ideal for next-generation mobile backhaul and fixed-mobile convergence networks.

Highlights

Compact Design with High Capacity	Delivers 560 Gbps switching capacity in a compact 1RU form factor, ideal for space-constrained environments.
Precision Synchronization	Equipped with SyncE and 1588v2 for precise timing, ensuring reliable performance for critical applications.
Flexible Connectivity Options	Features 4 × 10G/1G SFP+/SFP , 24 × 10G/1G/100M SFP+/SFP , providing scalable solutions for high-bandwidth demands.
Robust Network Reliability	Built with advanced hardware-based OAM and redundancy mechanisms to ensure network uptime and service continuity.

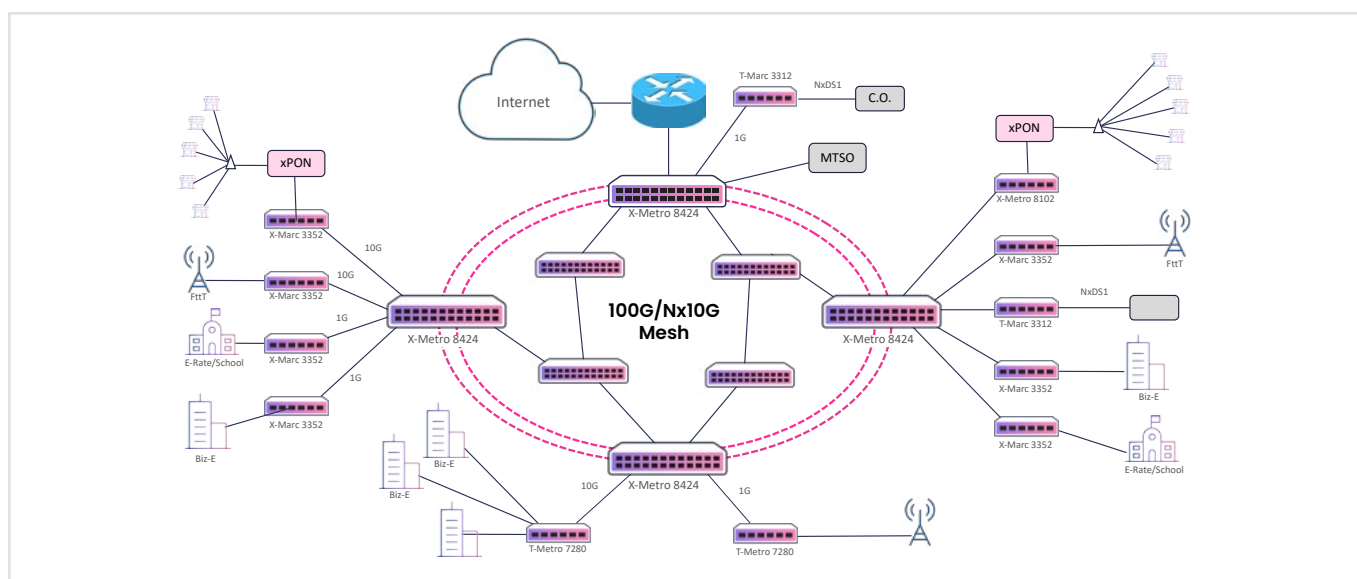
Technical Specifications

Interfaces	4 × 10G/1G SFP+/SFP 24 × 10G/1G/100M SFP+/SFP
Switching Capacity	560 Gbps
Synchronization	SyncE, 1588v2 (OC, BC, TC)
Management	CLI, SNMP, Netconf, USB, Telnet, SSHv2
QoS Features	8 queues per port, WRED, SP/WRR
Security	ACLs, RADIUS, TACACS, 802.1x
Redundancy	Dual AC/DC power, LAG, MC-LAG
Power Supply	2 hot swappable AC/DC power supplies provide 1+1 redundancy AC:220V, 100-240 VAC DC: -48V, -36~-72V
Operating Temperature	-5°C to +55°C
Enclosure Type	1U, 19" rack-mountable
Dimensions (WxDxH)	44 cm x 36 cm x 4.4 cm 17.32" x 14.17" x 1.73"
Weight	4.42kg
Compliance	MEF 2.0, CE 2.0, RoHS

Features and Capabilities

Ethernet Services	- Supports ELINE, ELAN - ETREE with jumbo frame support for high-efficiency traffic management
IP Services	- IPv4/v6 routing with BGP, OSPF - VRF Lite for flexible deployment options
MPLS Services	- L2VPN, VPLS, and H-VPLS
QoS Capabilities	- Hierarchical traffic management with advanced scheduling and shaping options for SLA assurance
OAM & SLA Assurance	- Comprehensive support for Y.1731, TWAMP - Y.1564 to monitor and maintain service quality

Applications



Ordering Information

Part Number	Description
XM-7280-2AC	Standard 1U, IP/MPLS device, 4×10G SFP NNI + 24×10G/1G SFP UNI CE/MPLS (28×10G SFP+), CONSOLE and SNMP ports for management, dual hot-swappable AC power supplies
XM-7280-AC	Standard 1U, IP/MPLS device, 4×10G SFP NNI + 24×10G/1G SFP UNI CE/MPLS (28×10G SFP+), CONSOLE and SNMP ports for management, single hot-swappable AC power supply
XM-7280-2DC	Standard 1U, IP/MPLS device, 4×10G SFP NNI + 24×10G/1G SFP UNI CE/MPLS (28×10G SFP+), CONSOLE and SNMP ports for management, dual hot-swappable DC power supplies
XM-7280-DC	Standard 1U, IP/MPLS device, 4×10G SFP NNI + 24×10G/1G SFP UNI CE/MPLS (28×10G SFP+), CONSOLE and SNMP ports for management, single hot-swappable DC power supply
XM-7280-AC/DC	Standard 1U, IP/MPLS device, 4×10G SFP NNI + 24×10G/1G SFP UNI CE/MPLS (28×10G SFP+), CONSOLE and SNMP ports for management, AC_DC: one hot-swappable AC power supply and one hot-swappable DC power supply

Experience the Power of Telco Systems X-Series: Invest in **XM-7280** to boost your network.

Contact Telco Systems at sales@telco.com or visit our website www.telco.com.