

## TELCO SYSTEMS

### XM-7380



## Compact High-Density Carrier Ethernet

XM-7380, a standout in X-Series, is designed to address the scalability and performance needs of modern network infrastructures. Equipped with **20 × 10G SFP+** and **32 × 1G/100M SFP** ports, this compact solution offers a perfect balance of capacity and flexibility along with cost-efficiency.

Built with advanced Layer 2/3, MPLS, HQoS and OAM capabilities, the XM-7380 supports high-performance traffic management and service assurance, making it ideal for **mobile backhaul, business services and high-speed broadband** applications.

Whether you're expanding your service portfolio or optimizing network efficiency, XM-7380 delivers the performance and reliability you need—at one of the most competitive price points in the market.

### Highlights

#### Compact yet High-Performance

640 Gbps switching capacity packed into a 1RU design, offering scalable connectivity.

#### Advanced Traffic Management

Supports robust QoS and SLA assurance with hardware-based OAM, ensuring superior network performance.

#### Versatile Connectivity Options

Features **20 × 10G SFP+** ports and **32 × 1G/100M SFP** ports for flexible deployment.

#### Efficient Synchronization

Equipped with SyncE for precise timing, critical for modern network operations.

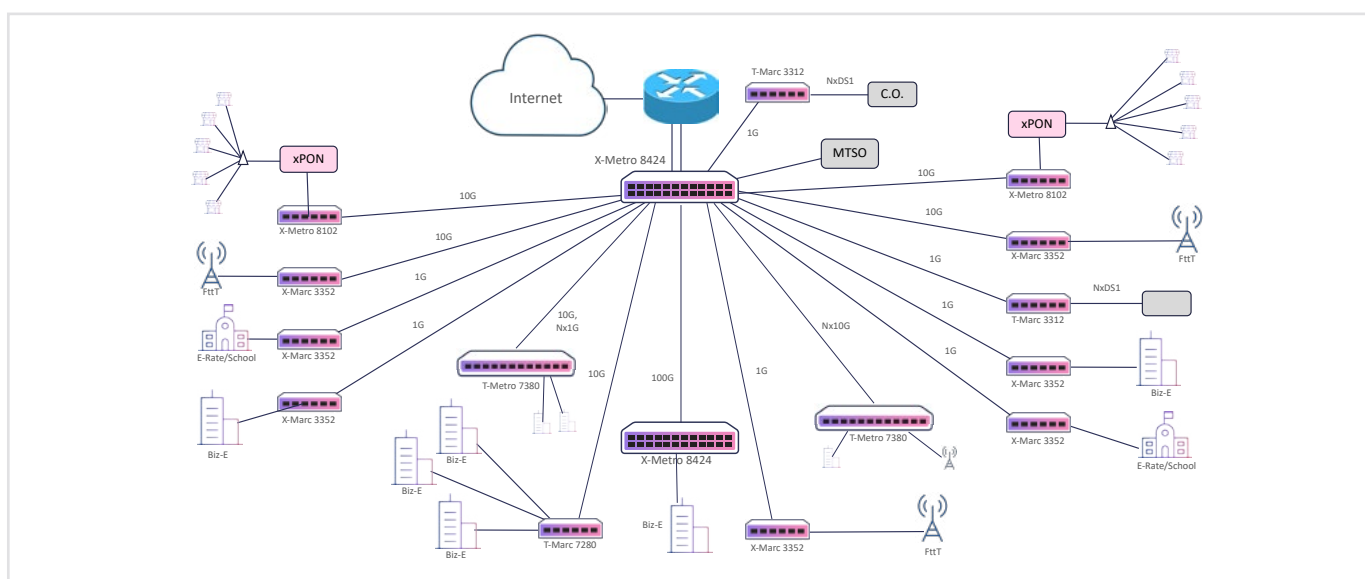
### Technical Specifications

<b>Interfaces</b>	20 × 10G/1G SFP+, 32 × 1G/100M SFP
<b>Switching Capacity</b>	640 Gbps
<b>Latency</b>	Sub-1 microsecond switching latency
<b>Management</b>	CLI, SNMP, Netconf, USB, Telnet, SSHv2
<b>QoS Features</b>	8 queues per port, WRED, SP/WRR
<b>Security</b>	ACLs, RADIUS, TACACS, 802.1x
<b>Redundancy</b>	Dual AC/DC power, LAG, MC-LAG
<b>Operating Temperature</b>	-5°C to +55°C
<b>Enclosure Type</b>	1U, 19" rack-mountable
<b>Dimensions (WxDxH)</b>	44 cm x 36 cm x 4.4 cm   17.32" x 14.17" x 1.73"
<b>Compliance</b>	MEF 2.0, CE 2.0, RoHS, CE, FCC

## Features and Capabilities

<b>Ethernet Services</b>	<ul style="list-style-type: none"> <li>- Supports ELINE, ELAN</li> <li>- ETREE with 32K MAC address table and jumbo frame support</li> </ul>
<b>IP Services</b>	<ul style="list-style-type: none"> <li>- IPv4/v6 routing (OSPF, BGP, VRF Lite)</li> <li>- DHCP functions</li> </ul>
<b>MPLS Services</b>	<ul style="list-style-type: none"> <li>- L2VPN, L3VPN, and H-VPLS</li> <li>- SR ideal for high-capacity traffic aggregation</li> </ul>
<b>QoS Capabilities</b>	<ul style="list-style-type: none"> <li>- Advanced hierarchical traffic management with WRED and SP/WRR scheduling</li> </ul>
<b>OAM &amp; SLA Assurance</b>	<ul style="list-style-type: none"> <li>- Hardware-based OAM CFM, Y.1731, BFD, Y.1564</li> <li>- TWAMP for robust network monitoring</li> </ul>
<b>Synchronization</b>	Precision SyncE for reliable timing in mission-critical applications

## Applications



## Ordering Information

Part Number	Description
<b>XM-7380-2AC</b>	Standard 1U, IP/MPLS device, 20x 10G/1G SFP+ 32 x 1G SFP, CONSOLE and SNMP ports for management, dual hot-swappable AC power supplies
<b>XM-7380-AC</b>	Standard 1U, IP/MPLS device, 20x 10G/1G SFP+ 32 x 1G SFP, CONSOLE and SNMP ports for management, single hot-swappable AC power supply
<b>XM-7380-2DC</b>	Standard 1U, IP/MPLS device, 20x 10G/1G SFP+ 32 x 1G SFP, CONSOLE and SNMP ports for management, dual hot-swappable DC power supplies
<b>XM-7380-DC</b>	Standard 1U, IP/MPLS device, 20x 10G/1G SFP+ 32 x 1G SFP, CONSOLE and SNMP ports for management, single hot-swappable DC power supply
<b>XM-7380-AC/DC</b>	Standard 1U, IP/MPLS device, 20x 10G/1G SFP+ 32 x 1G SFP, CONSOLE and SNMP ports for management, dual hot-swappable AC_DC power supplies

**Experience the Power of Telco Systems X-Series:** Invest in **XM-7380** to boost your network.

Contact Telco Systems at [sales@telco.com](mailto:sales@telco.com) or visit our website [www.telco.com](http://www.telco.com).