X6500-SC
Management Module

Product Highlights
- Fit in 1, 2 and 5 U Chassis, 1 slot
- Management Module for all XenOpt X6500 family modules
- design based on high speed ARM9 type CPU
- open source production and development model
- features SSH, SNMPv3 and RADIUS support
- graphic management interface
- advanced and standard management technique and methods

Product line X6500 overview

Product line X6500 is the XenOpt most cost effective offer of a complete line of managed Data Transport System Equipment and WDM (Wavelength-Division Multiplexing) solutions for service providers, content delivery networks, data centre operators, internet exchanges, cloud service providers, and others. Applications in point to point or fixed point to multipoint connections range from enterprise networks to data and storage area interconnect, from regional backbones to campus rings. Services from simple digital carrier signal transmission, signal regeneration, service demarcation to complex distributed multiplexed multirate up to 10 Gbp solutions can be offered with a variety of hardware platforms and managed by intelligent and open control and management software.

X6500 family is a generation of fully integrated fibre transmission platform. It offers a full range of solutions including:
o High density short and long distance connectivity from 100M to10GE,
o Optical multiplexing and de-multiplexing (DWDM - Dense WDM, CWDM - Coarse WDM),
o Optical add/drop, including custom solutions,
o Optical signal amplification (EDFA - Erbium-Doped Fibre Amplifier),
o Fibre optimization and protection (OLPS - Optical Line Protection System),
o Distance extension with amplification or digital signal regeneration,
o Network demarcation and OEO (Optical-Electrical-Optical) media conversion,
o Supports single or dual fibre transport solutions.

It is a fully modular product series that integrates a range of optical transport modules supporting wide range of variable speed interfaces and protocols in selection of chassis sizes for simple and flexible operations. All of these modules are hot pluggable, allowing simple maintenance procedures.

X6500-SC overview

X6500-SC is the network management module specialized for OTN X6500 family with an advanced hardware design based on high speed ARM9 type CPU. It incorporates many advanced features for complete setup and management control for the full range of X6500 family products.

The advantages of the X6500-SC Linux operating system are security and extensibility:

o The implementation of open source principles in network administration
o A highly secure operating environment with features like SSH, SNMPv3 and RADIUS support.
o Ease of future upgrades
o Availability of many features in open source community

The functions are as follows:

o Powerful data processing
o Providing graphic management interface with superb management performance
o Human-computer interface
o Service startup and rapid configuration
o Smart service configuration
o Providing fine management and maintenance
o Rapid network deployment

X6500-SCSC specifications

Warranty
o Limited lifetime warranty

Ordering information

Part Number	Product Description
X6500-SC	Optical Transport System Management Module
Other X6500 family products	
X6500-I	Optical Transport System 1 U 4 Slot Chassis
X6500-II	Optical Transport System 2 U 8 Slot Chassis
X6500-V	Optical Transport System 5 U 18 Slot Chassis
X6500-SFP+	Optical Transport System Transponder SFP+
X6500-TMUX-10G	Optical Transport System 10G Muxponder Module
X6500-10G	Optical Transport System Dual Transponder Module with FEC
X6500-OLP	Optical Transport System Fibre Protection Switch
X6500-OLP-BIDI	Optical Transport System Fibre Protection Switch Bidirectional

For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice. XenOpt does not guarantee errorless or outdated information.

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