



X8600-I

XenOpt X8600-I chassis 1U Optical Transport System



Applications

- The metro area access layer network
- Service multiplexing

Description

CWDM/DWDM platform is mainly used in the metro area access layer network, and it can complete the function such as optical fiber saving, service multiplexing and distance extension, solve the shortage of fiber resources in the access layer network, transport of up to 8 services of storage and data applications. There are four slots available in the chassis. It provides redundant power supply, AC or DC.

Features

- It supports the WDM for all types of service with the rate of 100 Mbit/s~10 Gbit/s, and meets the requirements of the multiple service access
- CWDM and DWDM support, and the board is available for both coarse wavelength and dense wavelength
- Transmission distance of 120 km for 2.5 G and 80 km for 10 G, with the configuration of optical amplification and dispersion compensation
- Application scenes of single fiber unidirection, single fiber bidirection and dual-fiber bidirection.
- It supports a unified network management platform and provides a performance monitoring ability
- Power supply of 220 V AC or -48 V DC, with a 1+1 power input protection
- Deployment in various locations such as cabinets, outdoor cabinets, desktops, hanging walls and derricks
- Free-of-configuration installation support
- Plug-and-play equipment
- Green energy-saving design
- Typical configuration of 60 W power consumption
- Operating temperature -10°C to +60°C

Technical Specifications

Parameter	Technical Indicators
Product model	X8600-I I
Equipment size	1U: 44 mm (height) x 442 mm (width) x220 mm (depth)
Service slot	4 slots (network management card is optional for one of the slots)
Transmission capacity of Single equipment	<ul style="list-style-type: none"> ● 16 * 10 G bidirectional transmission ● 32 * 10 G unidirectional transmissions
Wavelength	<ul style="list-style-type: none"> ● CWDM: 1271 nm~1611 nm ● DWDM: C Band, 100 GHz or 50 GHz
Maximum rate of Single channel	10 Gbit/s
Transmission distance	80 km (without optical amplification)
Service interface type	100 M~10 G all kind of services, including services of STM-1/4/16/64, OC-3/12/48/192, FE, GE, 10GE, FC100/200/400/800/1200, FICON, ESCON, EPON, GPON, CPRI 1/2/3/6/7
Clock features	Support IEEE 1588 V2
Optical connector	SFP/SFP+, LC type interface
Network topology	Point to point, chain type, star type, ring type
Installation	"19"and 23" cabinets, ETSI 300 mm/600 mm cabinets Wireless outdoor base station cabinet, FTTx outdoor cabinet, hanging wall, derrick
Working temperature range	- 10 °C~60 °C (typical)
Working humidity range	5~95% no condensation
Storage temperature range	-40°C~85°C
Heat dissipation	Fan cooling
Power supply mode	AC: 90~260 V or DC: -36~-72 V (support 1+1 backup power input)
Power consumption	60 W (typical)

Ordering information

Part number	Product Description
X8600-I	Chassis 1U Optical transport System, -10°C ~ 60°C

Notes

¹ For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice.

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