



X8600-II

XenOpt X8600-II chassis 2U Optical Transport System



Features

- CWDM DWDM Equipment
- Standard 2U rack type design
- 320 Gbps for 130 km Dual Fiber BIDI
- End-to-End Metro Transport Platform
- Power supply of 220 V AC or -48 V DC, with a 1+1 power input protection
- Flexible configuration
- Up to 32 bidirectional 10 G services or 64 unidirectional 10 G services on a single equipment
- Typical power consumption 120 W
- Operating temperature -10°C to +60°C

Applications

- The metro area access layer network
- Service multiplexing

Description

X8600-II type optical transmission network system is standard 2U rack type design. It fully adopts the way of outlet on the front panel, provides 7 service single-board slots, 1 network management single-board slot and service slot, 1 fan single-board slot and 2 power single-board slots, which are all pluggable. X8600-II has high degree of business integration, large port density, rich business type and flexible configuration. It supports the access of up to 32 bidirectional 10G services or 64 unidirectional 10G services on a single equipment, and the expansion of transmission capacity to 960 Gbit/s is available through the equipment stack. It provides redundant power supply, AC or DC.

Technical Specifications

Parameter	Technical Indicators
Product model	X8600-II I
Equipment size	2U: 88 mm (height) x 442 mm (width) x 220 mm (depth)
Service slot	8 slots (network card is optional for one of the slots)

Transmission capacity of Single equipment	<ul style="list-style-type: none"> ● 32 wavelength * 10 G bidirectional transmission ● 64 wavelength * 10 G unidirectional transmission ● 4 wavelength * 10 G unidirectional and bidirectional transmission
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	100 Gbit/ s
Transmission distance	<ul style="list-style-type: none"> ● For DWDM system, it supports the maximum transmission distance of 130 km (36 db) for a single span ● For CWDM system, it supports a maximum transmission distance of 80 km
Optical amplifier	25 db (nominal gain)
Service interface type	STM-1/4/16/64, OC-3/12/48/192, FE, GE, GE, 40 10 GE, GE, FC100 100/200/400/200/400, FICON, ESCON, EPON and GPON, CPRI 1/2/3/6/7, etc.
Clock features	Support the 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
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	120 W (typical)

Ordering information

Part number	Product Description
X8600-II	XenOpt chassis 2U 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.

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by XenOpt before they become applicable to any particular order or contract. In accordance with the XenOpt policy of continuous improvement specifications may change without notice.

The publication of information in this data sheet does not imply freedom from patent or other protective rights of XenOpt or others. Further details are available from any XenOpt sales representative.

To find out more, please contact:



www.xenopt.com