X86-OTDC

XenOpt X8600 OTDC
100G Transponder

Features

- Standard 100G connection OTU4 with ITU-T G.709 GFEC
- 100G media converter mode support
- 3R functionality support (reamplifying, reshaping and retiming)
- Full C-band tunable DWDM (line side)
- Extensive performance monitoring of lines and services
- Remote network management system
- 1+1 facility protection
- Dual AC or DC pluggable power supply
- Pluggable fan

Applications

- 100G Ethernet
- 100G OTN

Description

X86-OTDC performs operations on the optical signal of 1-channel 100 Gbit/s rate services, such as OTN framing and SDFEC coding, and then converts it to 1-channel OTU4 optical signal. It uses standard pluggable optical modules in all optical interfaces on both client and line sides. The product is energy efficient, takes up little space and significantly increases network capacity of enterprise and metro networks.

Technical Specifications

Parameter	Technical Indicators
Product model	X86-OTDC
Basic function	Supports 1-channel 100G transparent transmission and can convert the 1-channel 100G service signal into a OTU4 optical signal of a standard DWDM wavelength or 4x25G optical signals of a standard DWDM wavelength
Access service type	100G Ethernet or 100G OTN
Occupied slot number	Occupies 2 slots, applicable to X8600-II or X8600-V
WDM technology	Supports DWDM: C Band, 100 GHz or 50 GHz
3R technology	Supports 3R function: Re-amplifying, Re-timing, Re-shaping
Network management function	● Supports real time monitoring of the port working state, including: transmitting optical power and receiving optical power, temperature, etc. ● Supports port loopback and port shutdown
Client-side interface	Supports one pluggable optical port QSFP28, with LC or MPO type interface
WDM-side interface	Supports a 100G port based on CFP (support coherent IPL CFP or 4x25G DWDM CFP), with LC type interface
Typical power consumption	20 W
MTBF	> 100000 hours

Ordering information

Part number	Product Description
X86-OTDC	XenOpt X8600 OTDC 100G Transponder

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.

To find out more, please contact: