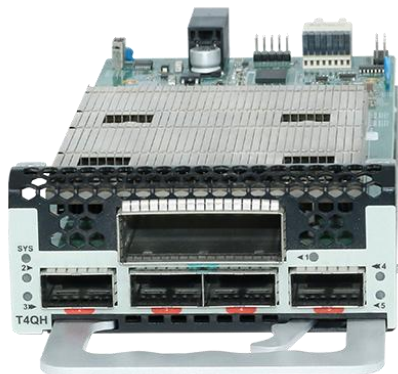


# STN6800-D16HE-T4QH

## 400G DCI/DWDM Transponder Card for STN6800-D16HE

4 x 100G QSFP28 to 1 x 400G CFP2 DCO



### Overview

T4QH multi-protocol transponder card is designed for building high-capacity optical transport networks. Its flexible architecture with a 4x QSFP28 client interface enables the same device to be used in multiple applications. It supports 400GbE services in transponder operation modes, combining different protocols and rates over a single 400G CFP2-DCO coherent uplink.

It allows maximum flexibility and scalability for fiber optic connectivity in wavelength division multiplexing (WDM) and dark fiber applications. It provides ideal solutions for enterprise, data center, campus, and metro networks.

### Features

- 400G High Capacity for 200KM Long Haul Transmission
- Support SD-FEC Error Correction
- PM-16QAM (400G, 200G) Modulation Formats
- Support NMS Management for Flexible Operation
- Support DCI, Metro Systems

Copyright©2022 Sino-Telecom Technology Co., Inc. All rights reserved.

📍 Add: Building 11, No.58 East Wenxiang Road, Songjiang District,ShangHai 🌐 Web: [www.sino-telecom.com](http://www.sino-telecom.com) ✉ E-mail: [sales@sino-telecom.com](mailto:sales@sino-telecom.com)

## Technical Specifications

Characteristic	Description
Occupied Slots Number	Occupy 1 Slot
Max. Slots per Chassis	4
Client-side Interface	4 x 100G QSFP28
Line-side Interface	1 x 400G/200G CFP2-DCO
Line-side Signal and Multiplexing Structure	200G: OCh <-> OTUC2 <-> ODU2 <-> ODU4 400G: OCh <-> OTUC4 <-> ODU4 <-> ODU4
Client-side Signal and Mapping Method	100GE <-> ODU4
Line-side Modulation Format	200G:16QAM
	400G:16QAM
FEC Mode	200G: SD-FEC
	400G: SD-FEC

## Typical Applications

Connect with MUX to Improve Transmission Capacity

By multiplexing four 100G into one 400G and connecting MUX/DEMUX, the product meets the market demand for improving transmission capacity, saving rack space, and reducing optical fiber occupation.

