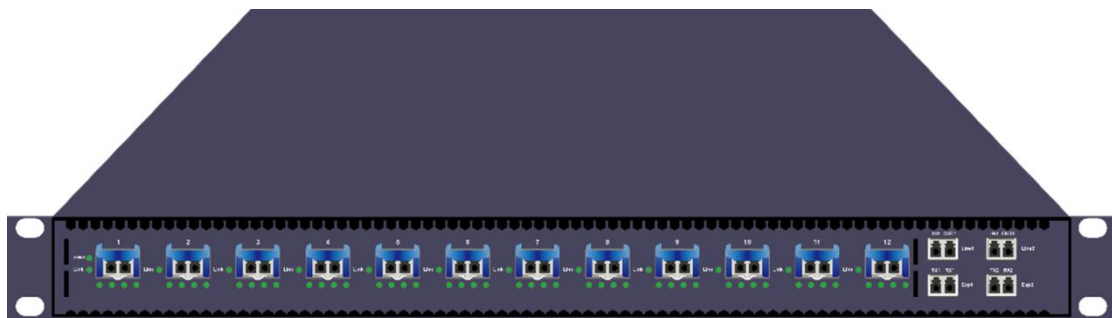


OTNS8600P 100G Integrated DWDM Equipment (12*QSFP)

OTNS8600P integrated WDM equipment developed by Guangzhou Sintai Communication Co., Ltd. for data center interconnection (DCI) scenario has the outstanding characteristics of large capacity, small size, low energy consumption and high performance. The device only has 1RU, and the maximum transmission capacity is 1.2Tbps (12*100g). The transmission capacity of 1 fiber can be smoothly expanded to 2.4Tbps of 1 fiber through device stacking. The equipment adopts high-density optoelectronic integration technology to avoid complex patch cords connection. It is easy to form an end-to-end complete WDM transmission scheme, which brings super large transmission capacity, perfectly matches the installation conditions of data center room, and simple management mode, which brings the ultimate user experience to DCI bearer network in metropolitan area.

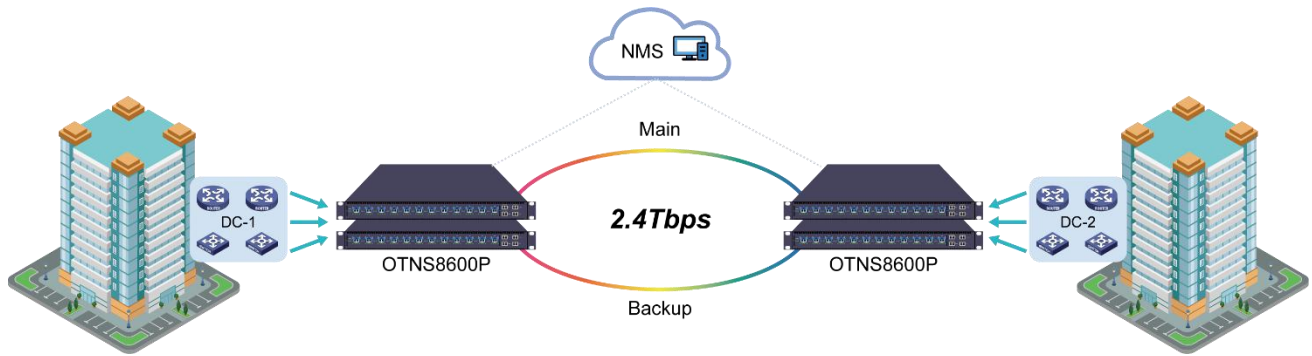
Product Picture



Product Feature

- The equipment adopts box type simple form design, with height of only 1U, and can be stacked, which can effectively save room space and realize flexible migration
- The maximum transmission capacity of 1RU is 1.2Tbps (12*100G), and the transmission capacity can be effectively extended to 2.4Tbps of 1 fiber through device stacking
- The equipment supports mixed transmission of multiple services, including 40GE, 100GE and other service types. The service interface and quantity can be flexibly customized by customers
- The equipment has no complex photoelectric cross with transparent transmission of services, and complete physical isolation of service ports, which improves the network security
- The equipment networking is simple, which does not change the original network topology, without complex optical layer design, only need to choose the equipment model according to the attenuation or kilometer
- The equipment supports 1+1 line protection at optical cable side, and automatically selects transmission route to improve network reliability
- The equipment supports in band monitoring channel, and the whole network SNMP management can be realized by optical path connection
- One box delivery based on the site, free configuration, plug and play; no fiber jump, no manual intervention
- Forward air and rear air outlet design, AC/DC power supply, reasonable height, width and depth design, suitable for the server rack requirements of data center room, and can be deployed together with the server
- Dual server power configuration, hot pluggable, load share 1 + 1 hot backup

Application scenarios



Product Specification

Item	Description	Remark
Equipment size	1U: 44 mm (Height)×442 mm (Width)×600 mm (Depth)	
Max transmission capacity of single device	1RU 1.2Tbps (12*100G)	
Max transmission capacity of single fiber	2*1RU device stack expansion to 2.4Tbps	
Max transmission rate of single port	100Gbit/s	
Service port type	● 40G/100G QSFP optical port	To be customized
Max number of ports per device	12 QSFP port	To be customized
Service types supported	● 40GE/100GE	To be customized
Network level protection	Support line side 1 + 1 protection	
Equipment level protection	<ul style="list-style-type: none"> ● Power supply 1 + 1 hot backup ● Four groups of fans hot backup 	
Installation mode	19" server cabinet	
Power supply mode	<ul style="list-style-type: none"> ● AC: 90 ~ 260V, DC: -36 ~ -72 V, high voltage DC ● 2 hot swappable server power modules 	
Management mode	<ul style="list-style-type: none"> ● Visual Web interface ● OTNS8600 network management system 	
Heat dissipation	Front air inlet, rear air outlet, 4 groups of hot pluggable fan units	
Power consumption	<400W (full configuration)	
Working temperature range	-10℃ ~ 60℃ (typical)	
Working humidity range	5~95% without condensation	
Storage temperature range	-40℃ ~ 85℃	
MTBF	> 100000 hours	