

C/DWDM Platform: OTNS8600 I 1U



OTNS8600 IB | 1RU



OTNS8600 IF | 1RU

Product features

- Standard 1U rackmount design, fully front panel wiring, with 3 pluggable service card slots, 1 network management card or service card slot, 1 fan slot and 2 power supply slots
- Support all types of service WDM from 100 Mbit/s to 400Gbit/s rate to meet the requirements of multi-service access
- Support CWDM and DWDM, coarse and dense wave are common cards
- Support single-fiber unidirectional, single-fiber bidirectional and dual-fiber bidirectional Application scenarios
- Support unified network management interface, which can provide perfect network and performance monitoring capability
- Support 90 ~ 260V AC or -36 ~ -72 V DC, 1+1 power input protection
- Support configuration-free installation, equipment plug-and-play
- Adopt green energy-saving design, typical configuration power consumption 120W/50W optional

Product specifications

Parameter	Description	
Product model	OTNS8600 IB	OTNS8600 IF
Equipment size (HxWxD, mm)	1U: (rear power supply) 44 × 442 × 280	1U: (front power supply) 44 × 442 × 220
Service slots	4 slots	4 slots
Power consumption	120W (max)	50W (max)
Maximum number of channels	CWDM: 18 waves, DWDM: 96 waves (50 GHz)	
Maximum single-channel rate	400Gbit/s	
Line rate	1.25Gbit/s, 2.5Gbit/s, 10Gbit/s, 25Gbit/s, 40Gbit/s, 100Gbit/s, 200Gbit/s, 400Gbit/s	
Supported service types	<ul style="list-style-type: none"> ● STM-1/4/16/64/256, OC-3/12/48/192/768 ● OTU-1/2/3/4 ● FE/GE/10GE/25GE/40GE/100GE ● FC 1G/2G/4G/8G/16G/32G ● EPON, GPON, CPRI 1/2/3/6/7/10, eCPRI 	
Clock characteristics	Support IEEE 1588V2 pass-through	
Network topology	Point-to-point, chain, mesh, ring	
Network level protection	Optical channel 1+1 protection, optical multiplex section 1+1 protection, optical line 1+1 protection	
Device-level protection	Power supply 1+1 backup	
Network management	<ul style="list-style-type: none"> ● SNMP ● Visual Web interface ● OTNS8600 network management system 	
Installation	19" Standard rack mount	
Operating temperature range	-5°C ~ 50°C	
Operating humidity range	5 to 95% non-condensing	
Storage temperature range	-40°C ~ 85°C	
Heat dissipation	Fan cooling	
Power supply method	AC: 90 ~ 260V or DC: -36 ~ -72 V	