




Huawei Optix OSN

Optix OSN 1800	Product Name	Product Type	Key Features & Uses	Pricing
	Optix OSN 1800	Unified Transmission	The Huawei Optix OSN 1800 integrates both OTN and WDM features and uniformly transmits various services at the metro network edge, such as broadband, leased line and mobile services.	Click here to request a quote for the complete system
<h3>Product Description</h3>				
<p><u>Large bandwidth</u> Supports 40 x 100 Gbit/s DWDM capacity, fulfilling service evolution requirements in a long term.</p> <p><u>Unified transmission</u> Integrates packet, VC, and OTN switching and access into a centralized switch matrix, improving the bandwidth utilization. Integrates the MPLS-TP feature and seamless inter-networking with the OptiX OSN 9800 and 8800 to implement E2E MPLS-TP networking.</p> <p><u>Full service scenarios</u> Supports various services, including E1, E3, T3, FE, GE, STM-x, 10GE, 100GE, CPRI, FC, and SAN. Supports various service scenarios, such as fixed broadband, mobile backhaul, and leased line.</p> <p><u>Clock</u> Supports 2M, 1588v2, and synchronous Ethernet clocks, meeting the clock precision requirements of WCDMA, TD-SCDMA, CDMA2000, and LTE/LTE-A.</p> <p><u>Flexible installation</u> 1U and 2U boxes can be installed in a cabinet, on the wall, or on a pole. 1U, 2U, and 5U boxes can be installed in a 19/23' standard cabinet.</p>				


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Low power consumption
 The OptiX OSN 1800 adopts natural heat dissipation and uses AC/DC power.
 The case-like design facilitates flexible deployment at any site.
 A typical 1U chassis consumes less than 25 W, which is less than the power consumption of a table lamp.

T-SDN
 As the core architecture of the next generation transport network, T-SDN features automation, virtualization, flexibility, openness, and synergy. Based on the T-SDN, the OptiX OSN 1800 implements the unified scheduling of cross-layer or cross-domain network resources and intelligent network management, and supports various APPs and innovative services.

Optix OSN 8800	Product Name	Product Type	Key Features & Uses	Pricing
	Optix OSN 8800	Unified Transmission	The OptiX OSN 8800 is recognized in the industry as a platform with high level of integration.	Click here to request a quote for the complete system

Product Description

One OptiX OSN 8800 subrack supports access of 320/640x10G or 32/64x100G services. The OptiX OSN 8800 can accommodate mass IP services and provide centralized grooming and unified management. Because one OptiX OSN 8800 subrack is equivalent to multiple subracks of other WDM nodes, it saves 80% of the equipment footprint and reduces power consumption per bandwidth by up to a 55%. Also, OSN 8800 devices can be directly connected instead of through ODFs and therefore are highly reliable.

Simple Architecture and High Integration

The OptiX Metro 1000 is a type of case-shaped equipment.

The dimensions of the chassis are: 436 mm (W) x 293 mm (D) x 86 mm (H).

Except for the power supply module and certain service boards, the cross-connect unit, clock unit, and order-wire units are integrated into the SCB board.

Multiple Interfaces

STM-1 /4/16(o), E1/T1/E3/T3 (e), FE/GE(o/e), NM-LAN, alarm input/output, AC/DC power interface.

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