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Overview

Huawei SmartAX MA5800 H901XSHF 16-port XGS-PON OLT interface board

Quick Specification

Board	H901XSHF
Port quantity	16
Forwarding capability	160 Gbit/s
Rate mode	Supports two modes: Asymmetric Symmetric
Port rates	upstream: 9.953/2.488 Gbit/s downstream: 9.953 Gbit/s
Maximum split ratio	1:256
T-CONTs per PON port	2048
Service flows per PON board	16368

Product Details:

The Front Panel:



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Do you have any question about H901XSHF?

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Specific Data Sheet:

Model	H901XSHF
Port quantity	16
Forwarding capability	160 Gbit/s
Rate mode	Supports two modes: Asymmetric Symmetric
Port rates	upstream: 9.953/2.488 Gbit/s downstream: 9.953 Gbit/s
Maximum split ratio	1:256
T-CONTs per PON port	2048
Service flows per PON board	16368
MAC addresses	131072
Maximum distance difference between 2 ONUs under the same PON port (board capability)	40 km
Supported ONU rates	XG-PON: 10G/2.5G (downstream rate/upstream rate) XGS-PON: 10G/10G (downstream rate/upstream rate)
FEC	Bidirection
CAR group	Yes
HQoS	Yes
PON ISSU	Yes
Variable-length OMCI	Yes
ONU-based or queue-based shaping	Yes
Type B protection (single-homing)	Yes
Type B protection (dual-homing)	Yes
Type C protection (single-homing)	No
Type C protection (dual-homing)	No
1588v2	Yes
9216-byte jumbo frames	Yes
Rogue ONT detection and isolation	Yes
Automatic shutdown at high temperature	Yes
Energy conservation for service boards	Yes
D-CCAP	Yes





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