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Overview

The H901XGHDE board is an 8-port XG-PON interface board. It works together with the optical network unit (ONU) to provide XG-PON access services.

Quick Specification

Board	H901XGHDE
Port quantity	8
Forwarding capability	80 Gbit/s
Rate mode	Asymmetric rate
Port Rate	upstream: 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	16376
Maximum number of MAC addresses	131072
Maximum distance difference between two ONUs under the same PON port	40 km

Product Details:

The Front Panel:



Accessories For H901XGHDE:

Supported Platforms:

Model	Description
EA5800-X17	Huawei SmartAX EA5800-X17, large-capacity, ETSI, supports 17 service slots
EA5800-X15	Huawei SmartAX EA5800-X15, large-capacity, IEC, supports 15 service slots
EA5800-X7	Huawei SmartAX EA5800-X7, medium-capacity, supports 7 service slots
EA5800-X2	Huawei SmartAX EA5800-X2, small-capacity, supports 2 service slots

Compare To Similar Items:

Specification	H901XGHDE	H901TWEDE
Port quantity	8	8
Forwarding capability	80 Gbit/s	80 Gbit/s
Rate mode	Asymmetric rate	Supports two modes: · Asymmetric · Symmetric
Port Rate	upstream: 2.488 Gbit/s downstream: 9.953 Gbit/s	upstream: 9.953 Gbit/s & 2.488 Gbit/s downstream: 9.953 Gbit/s
Maximum split ratio	1:256	1:64
T-CONTs per PON port	2048	2048
Service flows per PON board	16376	16376
Maximum number of MAC addresses	131072	131072

Get more information:

Do you have any question about H901XGHDE?

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Specific Data Sheet:

Model	H901XGHDE
Port quantity	8
Forwarding capability	80 Gbit/s

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Rate mode	Asymmetric rate
Port Rate	upstream: 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	16376
Maximum number of MAC addresses	131072
Maximum distance difference between two ONUs under the same PON port	40 km
ONUs supported	10G/2.5G (downstream rate/ upstream rate)
FEC	Bidirection
CAR group	Yes
HQoS	Yes
PON ISSU	Yes
Variable-length OMCI	Yes
ONU-based shaping or queue-based shaping	Yes
Type B protection (single-homing)	Yes
Type B protection (dual-homing)	Yes
Rogue ONT detection and isolation	Yes
Automatic shutdown at high temperature	Yes
Energy saving for service boards	Yes

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