

Get a Quote

Overview

Huawei SmartAX MA5800 H901CSHF 16-port XGS-PON and GPON Combo OLT interface board

Quick Specification

Model	H901CSHF
Port	16
Forwarding capability	200 Gbit/s
Rate mode	Asymmetric rate Symmetric rate
T-CONTs per PON port	GPON:1024 XG(S)-PON:2048
Service flows per PON board	16352
Maximum frame size	2052 bytes 9216 bytes(jumbo frame enabled)
Maximum number of MAC addresses	131072

Product Details:

The Front Panel:



Get more information:

Do you have any question about H901CSHF?

Contact us now via e-mail: info@hi-network.com



Specific Data Sheet:

Model	H901CSHF
Service ports	
Port	16
Forwarding capability	200 Gbit/s
Rate mode	Asymmetric rate Symmetric rate
T-CONTs per PON port	GPON:1024 XG(S)-PON:2048
Service flows per PON board	16352
Maximum frame size	2052 bytes 9216 bytes(jumbo frame enabled)
Maximum number of MAC addresses	131072
Maximum distance difference between two ONUS under the same pon port	40km
FEC	Bidirection
CAR group	Supported
Variable-length OMCI	Supported
HQoS	Supported
ONU-based shaping or queue-based shaping	Supported
Type B protection(dual-homing)	Supported
Type B protection(single-homing)	Supported
Type C protection(dual-homing)	Supported(applicable to GPON channels)
Type C protection(single-homing)	Supported(applicable to GPON channels)
1588v2	Not supported
Rogue ONT detection and isolation	Supported
Automatic shutdown at high temperature	Supported
Energy saving for service boards	Supported
D-CCAP	Not supported
GPON SFP Module Specification	
Type	B+ Module: One-fiber bidirectional optical module, class B+ C+ Module: One-fiber bidirectional optical module, class C+
Operating Wavelength	B+/C+ Module: GPON channel: Tx: 1490 nm Rx: 1310 nm





Get a Quote

	<p>XGS-PON channel: Tx: 1577 nm Rx: 1270 nm</p>
Encapsulation Type	SFP+
Port Rate	<p>B+/C+ Module: GPON channel: Tx: 2.488 Gbit/s Rx: 1.244 Gbit/s XGS-PON channel: Tx: 9.953 Gbit/s Rx: 9.953/2.488 Gbit/s</p>
Minimum Output Optical Power	<p>B+ Module: GPON channel: 1.5 dBm XGS-PON channel: 1 dBm C+ Module: GPON channel: 3 dBm XGS-PON channel: 5 dBm</p>
Maximum Output Optical Power	<p>B+ Module: GPON channel: 5 dBm XGS-PON channel: 4 dBm C+ Module: GPON channel: 7 dBm XGS-PON channel: 8 dBm</p>
Maximum Receiver Sensitivity	<p>B+ Module: GPON channel: -28 dBm XG-PON channel: -26.5 dBm XGS-PON channel: -25 dBm C+ Module: GPON channel: -32 dBm XG-PON channel: -30.5 dBm XGS-PON channel: -29 dBm</p>
Optical Connector Type	SC
Optical Fiber Type	Single-mode
Overload Optical Power	<p>B+ Module: GPON channel: -8 dBm XG-PON channel: -6 dBm XGS-PON channel: -4 dBm C+ Module: GPON channel: -12 dBm XG-PON channel: -10 dBm XGS-PON channel: -8 dBm</p>
Extinction Ratio	8.2 dB
Dimensions (W x D x H)	23.3 mm x 257.90 mm x 399.20 mm





Get a Quote

Power Consumption	Static: 51 W Maximum: 99 W
Operating temperature	-40°C to +55°C

Want to Buy

Get a Quote



[Learn More](#) about Hi-Network



[Search](#) our Resource Library



[Follow](#) us on LinkedIn



Contact for [Sales or Support](#)

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223

