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Overview

The H901MPSCE board is a control board. It is the core of the system control and service switching and aggregation. The H901MPSCE board can also function as the management and control core of the integrated network management system (NMS). It communicates with service boards about the key management and control information through the master/slave serial port and inband channel. In this manner, the H901MPSCE board configures, manages, and controls the device, and also implements the simple route protocol functions.

Quick Specification

Board	H901MPSCE
Maximum Bandwidth per Slot (load sharing mode)	80 Gbit/s
Upstream transmission or cascading port	4 x 10GE/GE ports
ALM port	Yes (7 alarm digital inputs and 1 alarm digital output)
BITS/TOD port	Yes (1 external clock/time input and output)
MAC address table	262143
Access ONT	4096

Product Details:

The Front Panel:

Product Details:

All EA5800 control boards support the functions as below:

· Active/standby switchover at the control panel

· Load sharing at the forwarding panel

· Local and remote maintenance through maintenance serial port CON or maintenance Ethernet port ETH

· Environmental monitoring through environment monitoring serial port ESC

Accessories For H901MPSCE:

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:

Board	H902MPLAE	H901MPSCE
Maximum Bandwidth per Slot (load sharing mode)	100 Gbit/s	80 Gbit/s
Upstream transmission or cascading port	4 x 10GE/GE ports	4 x 10GE/GE ports
ALM port	No	Yes (7 alarm digital inputs and 1 alarm digital output)
BITS/TOD port	No	Yes (1 external clock/time input and output)
MAC address table	262143	262143
Access ONT	17408	4096

Get more information:

Do you have any question about H901MPSCE?

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Specific Data Sheet:

Model	H901MPSCE
Maximum Bandwidth per Slot (load sharing mode)	80 Gbit/s
Upstream transmission or cascading port	4 x 10GE/GE ports
ALM port	Yes (7 alarm digital inputs and 1 alarm digital output)
BITS/TOD port	Yes (1 external clock/time input and output)
MAC address table	262143
Access ONT	4096
Multicast user	4096
Number of static programs configurable	8192
Maximum number of online programs supported	IPv4: 8000 IPv6: 2000
IPv4 routing table	65536
IPv6 routing table	16384
Service port	32768
ND table	16384
ARP table	· 131072 (V100R018C00 and V100R018C10 versions) · 32768 (V100R019C00 and later versions)
Ethernet synchronization	Yes
1588v2	Yes
1588ACR	No

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