Overview

The H801SPUF is a board is a multifunctional service processing board, which provides upstream or cascading ports. It can be used for L3 service enhancement.

Quick Specification

Model	H801SPUF
Forwarding capability	40 Gbit/s
MAC number	32768
Maximum frame size	• 2052 bytes • 9216 bytes (jumbo frame enabled)
VLAN forwarding	VLAN+MAC
Shaping in outband management	Supported
HQoS	Not supported
L3 forwarding	• IPv4/IPv6 ARP table supported • IPv4/IPv6 routing supported

Product Details:

The Front Panel:

Product Details:

H801SPUF provides these benefits:

· High-speed L3 forwarding: Expands specifications of ARP or neighbor discovery (ND) entries and routing entries and enhances Layer 3 forwarding capability, simplifying networks

· Intelligent management channel

- Shaping in outbound management, providing high-quality data and video services

- 9216 jumbo frames, greatly improving transmission efficiency

· High-precision clock synchronization

- 1588V2, 50-ppb frequency synchronization and 100-ns phase synchronization

- 1588ACR, featuring easy deployment and interoperability between different vendors

- SyncE, implementing high-precision Ethernet clock synchronization

· Easy OAM: Y.1731, obtaining link performance data in real time and quickly diagnosing network performance issues

H801SPUF provides these external interfaces:

SFP interface (GE) and SFP+ interface (10GE) support the following working modes:

· 8*10GE

· 8*GE

· 4*GE (ports 0-3)+4*10GE (ports 4-7)

Compare To Similar Items:

Product Code	H801SPUF	H801ETHB
Forwarding capability	40 Gbit/s	10 Gbit/s
MAC number	32768	8192
Maximum frame size	• 2052 bytes • 9216 bytes (jumbo frame enabled)	• 2052 bytes • 9216 bytes (jumbo frame enabled)
VLAN forwarding	VLAN+MAC	VLAN+MAC
Shaping in outband management	Supported	Supported

Get more information:

Do you have any question about H801SPUF?

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Specific Data Sheet:

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Forwarding capability	40 Gbit/s
MAC number	32768
Maximum frame size	• 2052 bytes • 9216 bytes (jumbo frame enabled)
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Shaping in outband management	Supported
HQoS	Not supported
L3 forwarding	• IPv4/IPv6 ARP table supported • IPv4/IPv6 routing supported
Clock synchronization	1588V2, 1588ACR, SyncE
Y.1731	Supported
Link aggregation	Supported at Inter-board and Intra-board
MSTP ring network protection	Supported
G.8032 ring network protection	Supported
MPLS	Supported
Environment	
Operating temperature	-40° C to +65° C
Power consumption	GE mode: • Static: 31 W; Maximum: 38 W 10GE mode: • Static: 32 W; Maximum: 50 W 4*GE+4*10GE mode: • Static: 32 W; Maximum: 50 W

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