

## Overview

The H801SCUK board is an integrated optical-copper super control unit board. It is the core for system control and service switching and aggregation, and is used for MA5600T / MA5603T subracks.

## Quick Specification

Model	H801SCUK
LAN switch	24 x GE + 4 x 10GE
Switching capacity	<ul style="list-style-type: none"><li>• 480 Gbit/s (active/standby mode)</li><li>• 960 Gbit/s (load sharing mode)</li></ul>
Bandwidth per slot	<ul style="list-style-type: none"><li>• 10 Gbit/s (active/standby mode)</li><li>• 20 Gbit/s (load sharing mode)</li></ul>
MAC address table	32768
Access ONT	8192
Multicast user	8192

## Product Details:

### The Front Panel:



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## Product Details:

### H801SCUK provides these benefits:

- Supports integrated optical copper access for GPON, P2P, xDSL, and voice services
- Supports up to 960 Gbit/s switching capacity
- Supports active/standby mode and load sharing mode, doubling processing performance
- Supports ISSU, saving the upgrade interruption time
- Supports 1588v2, and 1588 ACR by working together with the H801CKMD daughter board

### H801SCUK provides these external interfaces:

- Management interfaces
- CON (RJ-45): RS-232 serial port
- ETH (RJ-45): 10/100M Base-T maintenance network port
- ESC (RJ-45): RS-485 monitoring serial port
- Communication Interfaces
- TX0 RX0 to TX3 RX3 (4 x SFP GE ports): Used for upstream transmission or cascading

## Compare To Similar Items:

Model	H801SCUK	H801SCUH
LAN switch	24 x GE + 4 x 10GE	48 x10GE
Switching capacity	<ul style="list-style-type: none"> <li>• 480 Gbit/s (active/standby mode)</li> <li>• 960 Gbit/s (load sharing mode)</li> </ul>	<ul style="list-style-type: none"> <li>• 960 Gbit/s (active/standby mode)</li> <li>• 1920 Gbit/s (load sharing mode)</li> </ul>
Bandwidth per slot	<ul style="list-style-type: none"> <li>• 10 Gbit/s (active/standby mode)</li> <li>• 20 Gbit/s (load sharing mode)</li> </ul>	<ul style="list-style-type: none"> <li>• 20 Gbit/s (active/standby mode)</li> <li>• 40 Gbit/s (load sharing mode)</li> </ul>
MAC address table	32768	131072
Access ONT	8192	16384

Get more information:

Do you have any question about H801SCUK?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)



## Specific Data Sheet:

Model	H801SCUK
LAN switch	24 x 10GE + 4 x GE
Switching capacity	<ul style="list-style-type: none"> <li>• 480 Gbit/s (active/standby mode)</li> <li>• 960 Gbit/s (load sharing mode)</li> </ul>
Bandwidth per slot	<ul style="list-style-type: none"> <li>• 10 Gbit/s (active/standby mode)</li> <li>• 20 Gbit/s (load sharing mode)</li> </ul>
MAC address table	32768
Access ONT	8192
Multicast user	8192
Number of static programs configurable	4096
Maximum number of online programs supported	2000
IPv4 routing table	5120
IPv6 routing table	5120
Service port	32768
ARP table	8192
ACL rule	ACLv4: 1024; ACLv6: 256
Maximum Frame Size	2052 bytes. After the jumbo frame function is enabled, a maximum of 9216 bytes can be supported.
VRF (L3 VPN)	Supported
Environment	
Operating temperature	-40° C to +65° C
Power consumption	Static: 30 W Maximum: 50 W



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