

H801SCUH Board

The H801SCUH 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.



Benefits

- Supports up to 1920 Gbit/s switching capacity
- Supports active/standby mode and load sharing mode, doubling processing performance
- Supports ISSU, saving the upgrade interruption time
- Supports synchronization Ethernet
- Supports 1588v2

External Interfaces

- **Management interfaces**
 - **CON (RJ-45)**
RS-232 serial port
 - **ETH (RJ-45)**
10/100/1000M Base-T maintenance network port
 - **ESC (RJ-45)**
RS-485 monitoring serial port
- **Communication Interfaces**
 - **10GE0/GE0 to 10GE3/GE3 (4 x SFP+ 10GE/GE ports)**
Used for upstream transmission or cascading

Specifications

Function	
LAN switch	48 x10GE
Switching capacity	<ul style="list-style-type: none">• 960 Gbit/s (active/standby mode)• 1920 Gbit/s (load sharing mode)
Bandwidth per slot	<ul style="list-style-type: none">• 20 Gbit/s (active/standby mode)• 40 Gbit/s (load sharing mode)
MAC address table	131072
Access ONT	16384
Multicast user	16384
Number of static programs configurable	4096
Maximum number of online programs supported	4000
IPv4 routing table	12288
IPv6 routing table	6144
Service port	131072
ARP table	16384
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	<ul style="list-style-type: none">Static: 89 W• Maximum: 111 W (10GE service boards are fully configured)• Maximum: 134 W (20GE service boards are fully configured)