

H801SCUV Board

The H801SCUV board is a super control unit board for optical access. 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 D-CCAP centralized management

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**
 - **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
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	Static: 89 W <ul style="list-style-type: none">• Maximum: 111 W (10GE service boards are fully configured)• Maximum: 134 W (20GE service boards are fully configured)