H801SCUK Board

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.

HUAWEI

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

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

Specifications

Function	
LAN switch	24 x 10GE + 4 x GE
Switching capacity	• 480 Gbit/s (active/standby mode) • 960 Gbit/s (load sharing mode)
Bandwidth per slot	• 10 Gbit/s (active/standby mode) • 20 Gbit/s (load sharing mode)
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