H901OXHD Board

The H901OXHD board is an 8-port 10 GE/GE Optical Interface Board, providing Ethernet optical access.

Benefits

- **High density:** Provides 8-channel 10 GE/GE access, supporting powerful convergence capabilities and simplifying networks

- **Intelligent management channel**
  - 9216 jumbo frames, greatly improving transmission efficiency

- **High-precision time and clock synchronization**
  - SyncE, implementing high-precision Ethernet clock synchronization

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

- **High reliability**
  - Inter-board link aggregation
  - Intra-board link aggregation
  - MSTP ring network protection
  - Protection group

External Interfaces

8*10 GE/GE

Specifications

Function	
Forwarding capability	80 Gbit/s
MAC number	131072
Maximum frame size	2052 bytes 9216 bytes (jumbo frame enabled)
VLAN forwarding	Supported
Clock synchronization	Supported
Y.1731	Supported
Link aggregation	Supported
MSTP ring network protection	Supported
Protection group	Supported
Temperature query	Supported
Automatic shutdown at high temperature	Supported
High temperature alarm	Supported

Environment	
Operating temperature	-40° C to +65° C
Power consumption	Static: 37 W Maximum: 50 W