

Huawei CGHD Board Datasheet	
Item	Technical Parameters
Description	8-port XG-PON and GPON Combo OLT interface board
Interface Quantity	8
Interface	XG-PON and GPON Combo SFP+ interface
Slot	Huawei MA5800 X2/MA5800 X7/MA5800 X15/MA5800 X17 service board slot
Forwarding capability	100 Gbit/s
Rate mode	Asymmetric rate
Maximum split ratio	GPON: 1:128 XG-PON: 1:256
T-CONTs per PON port	GPON/auto type ONU: 1024 XG-PON: 2048
Service flows per PON board	16368
Maximum frame size	2052 bytes 9216 bytes (jumbo frame enabled)
Maximum number of MAC addresses	131072
Maximum distance difference between two ONUs under the same PON port (board capability)	40 km
FEC	Bidirection
CAR group	Supported
HQoS	Supported
PON ISSU	Supported
Variable-length OMCI	Supported
ONU-based shaping or queue-based shaping	Supported
Type B protection (dual-homing)	Supported
Type B protection (single-homing)	Supported
Type C protection (dual-homing)	Supported (applicable to GPON channels)

Type C protection (single-homing)	Supported (applicable to GPON channels)
1588v2	Supported
9216-byte jumbo frames	Supported
Rogue ONT detection and isolation	Supported
Automatic shutdown at high temperature	Supported
Energy saving for service boards	Supported
Power consumption	Static: 26 W Maximum: 54 W
Weight	0.95 kg