

Overview

H802GPFD is a 16-port GPON OLT Interface Board, which works with the ONU to provide GPON access service.

Quick Specification

Model	H802GPFD
Forwarding capability	40 Gbit/s
T-CONTs per PON port	1024
Service flows per PON board	16368
Maximum frame size	2004 bytes
MAC addresses	16384
Maximum distance difference between two ONUs under the same PON port	40 km from V800R013

Product Details:

The Front Panel:



Product Details:

H802GPFD provides these benefits:

- High density and energy saving
- High density and low power consumption, supporting 2048 access users
- Manual shutdown of idle PON ports, preventing power waste
- A maximum distance difference of 40 km between two ONUs under the same PON port, simplifying network planning
- Efficient OAM
- Real-time rogue ONU detection and isolation, ensuring stable service running
- Variable-length OMCI, improving upgrade efficiency and reducing break off time
- 1:64 eOTDR, supporting accurate fault demarcation and quick fault locating

H801MCUD1 provides these external interfaces:

- 16 GPON ports with SFP optical modules:
- Max. split ratio:
- Class B+: 1:64
- Class C+/C++: 1:128

Get more information:

Do you have any question about H802GPFD?

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Specific Data Sheet:

Model	H802GPFD
Forwarding capability	40 Gbit/s
T-CONTs per PON port	1024
Service flows per PON board	16368
Maximum frame size	2004 bytes
MAC addresses	16384
Maximum distance difference between two ONUs under the same PON port	40 km from V800R013
N:1/1:1 VMAC	Supported
FEC	Bidirection
CAR group	Supported
IPv6	Supported
Variable-length OMCI	Supported from V800R013
ONU-based shaping or queue-based shaping	Supported

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Load sharing	Supported
High-precision clock time synchronization	Supported
Type B/Type C protection	Supported
Rogue ONU detection and isolation	Supported
Automatic shutdown at high temperature	Supported
Automatic shutdown of an idle port	Supported
1:64 eOTDR	Supported (used together with the reflector)
Operating temperature	-40° C to +65° C
Power consumption	<ul style="list-style-type: none">• Static: 45 W• Maximum: 73 W

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