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## Overview

H802XGBC is a 4-port 10G GPON OLT Interface Board, which works with the ONU to provide 10G GPON access service.

## Quick Specification

|  |                                    |
|--|------------------------------------|
| Model  | H802XGBC                           |
| Port Rate  | Tx: 9.95 Gbit/s<br>Rx: 2.49 Gbit/s |
| Forwarding capability  | 40 Gbit/s                          |
| T-CONTs per PON port   | 2048                               |
| Service flows per PON board  | 8184                               |
| Maximum frame size   | 2004 bytes                         |
| MAC addresses  | 4096                               |
| Maximum distance difference between two ONUs under the same PON port | 40 km from V800R013                |

## Product Details:

### The Front Panel:



## Product Details:

H802XGBC provides these benefits:

- High reliability



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- Real-time rogue ONU detection and isolation, ensuring stable service running
- Easy OAM
- Variable-length OMCI, improving upgrade efficiency and reducing break off time
- A maximum distance difference of 40 km between two ONUs under the same PON port, simplifying network planning.

**H802XGBC provides these external interfaces:**

- 4 \* 10G GPON ports with XFP optical modules:
- Max. split ratio: 1:128

**Compare To Similar Items:**

| Product Code                | H806GPBH   | H802XGBC   |
|-----------------------------|------------|------------|
| Forwarding capability       | 20 Gbit/s  | 40 Gbit/s  |
| T-CONTs per PON port        | 1024       | 2048       |
| Service flows per PON board | 8184       | 8184       |
| Maximum frame size          | 2004 bytes | 2004 bytes |

Get more information:

Do you have any question about H802XGBC?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

**Specific Data Sheet:**

|  |                                    |
|--|------------------------------------|
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| Service flows per PON board  | 8184                               |
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| MAC addresses  | 4096                               |
| 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                          |



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|   |                               |
|---|-------------------------------|
| IPv6                                      | Supported                     |
| 4-level HQoS (Port/ONU/Queue/Merge-queue) | Not supported                 |
| Variable-length OMCI                      | Supported                     |
| ONU-based shaping or queue-based shaping  | Supported                     |
| Load sharing                              | Supported                     |
| Type B protection                         | Not supported                 |
| Rogue ONU detection and isolation         | Supported                     |
| Automatic shutdown at high temperature    | Supported                     |
| Automatic shutdown of an idle port        | Supported                     |
| Environment                               |                               |
| Operating temperature                     | -40° C to +65° C              |
| Power consumption                         | Static: 67 W<br>Maximum: 85 W |

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