



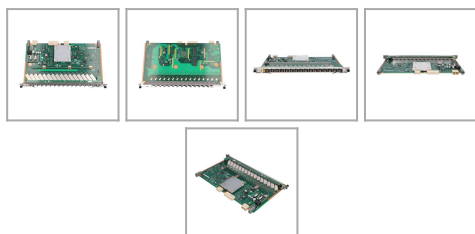
Huawei GPFD | GPON Card | 16x GPON C+, dedicated for 5608/5680/5683 OLT



link to the product:

<https://www.batna24.com/gb/p/olt-and-ont/huawei-gpfd-gpon-card-16x-gpon-c-dedicated-for-5608-5680-5683-olt>

Price: **1,474.77 zł** gross / 1,199.00 zł net



Manufacturer: HUAWEI

Referention number: DNXFMIISJRMOL

Full product description

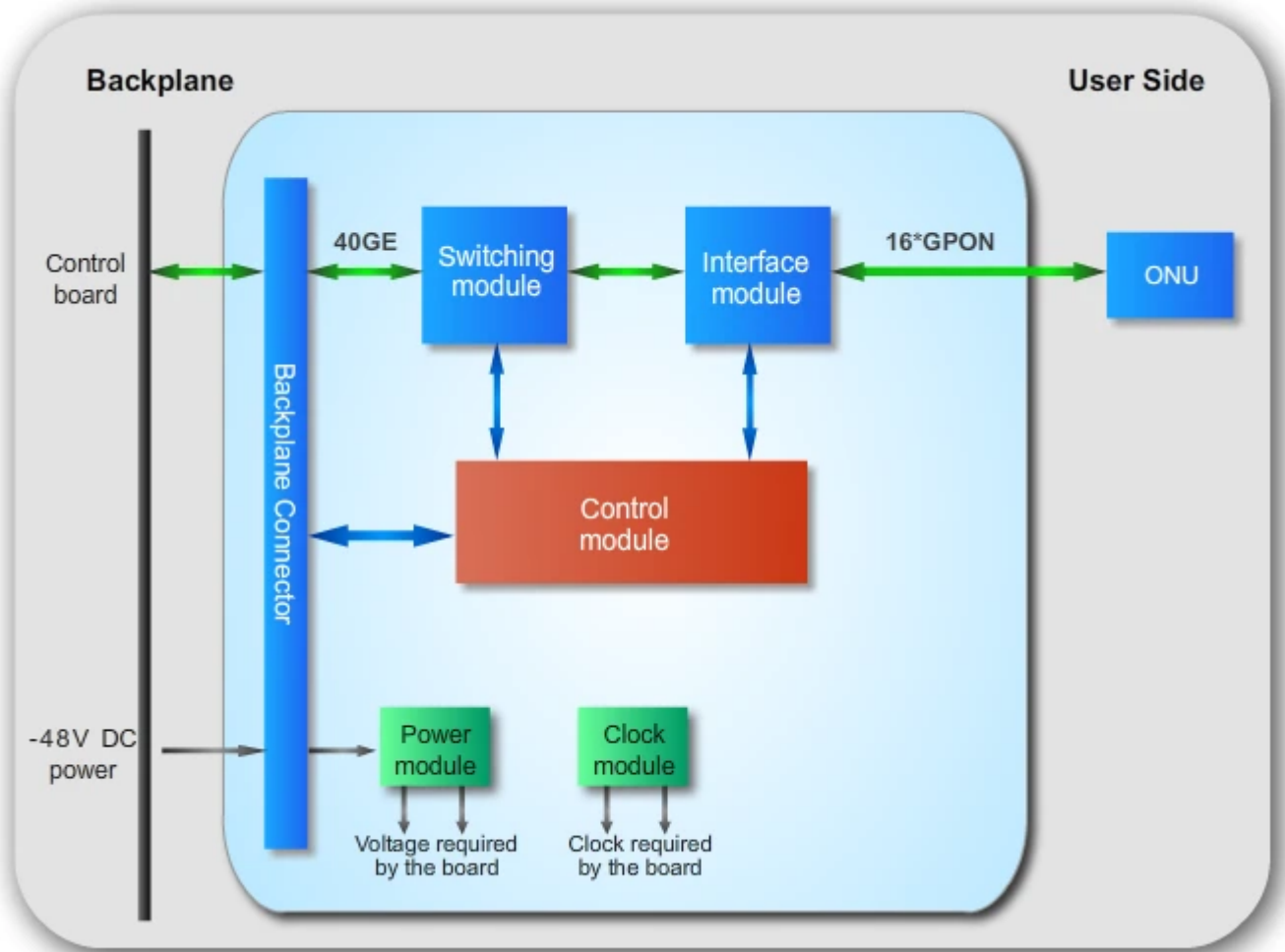
Increase the potential of your fiber network and serve thousands of users

The **Huawei H802GPFD** card is a specialized solution designed for telecom operators who want to efficiently expand their access networks. It is a **16-port GPON card** that works with **Huawei's key OLT platforms**, such as the MA5608T, MA5680T and MA5683T. Its design **supports up to 2,048 users** from a single module, which translates into high density and optimized infrastructure costs. It makes the delivery of stable and high-speed broadband services simpler and more scalable.



Key Advantages

- **High port density:** As many as 16 GPON ports in a single module, saving space and resources for the OLT platform.
- **Mass customer support:** Up to 2,048 ONT terminals can be connected from a single card, supporting dynamic network growth.
- **Cost optimization:** Large 1:128 split ratio reduces the cost of building the physical network layer.
- **Stability and reliability:** Wide operating temperature range and low power consumption translate into lower operating costs and service continuity.
- **Proven compatibility:** Full interoperability with Huawei's key OLT platforms (MA5608T, MA5680T, MA5683T).
- **Support for Triple Play services:** High bandwidth helps deliver internet, TV and voice services at the highest level.



Maximum port density for your infrastructure

Equipping the card with **16 GPON ports** is its fundamental feature, which directly affects the performance and expandability of the network. This number of ports in a single module allows significant space savings in the server rack and the OLT terminal itself. For the operator, this means the ability to connect more subscribers with less hardware, which simplifies infrastructure management and contributes to reducing operating costs. Each port uses a standard **SC/PC** optical connector, making it easy to integrate into an existing fiber network.

Scalability to meet growing needs

One of the key attributes of the H802GPFD card is its high **split ratio of 1:128**. It is this feature, combined with its 16 ports, that allows it to support as many as **2048 client terminals (ONTs)**. Such scalability is invaluable for ISPs that plan to grow their customer base rapidly. It allows the flexible addition of new users without immediate investment in additional line cards. The network can grow with the business, which is the foundation of a profitable FTTx model.

Reliable data transmission in the GPON standard

The card offers transmission capacity in accordance with the GPON standard, which means **2.488 Gbit/s downstream** and **1.244 Gbit/s upstream**. Such parameters make it possible to provide comprehensive Triple Play services - high-speed Internet, high-definition television (IPTV) and Internet telephony (VoIP) - without worrying about performance drops. A transmission range of up to **20 km** using standard SFP modules helps reach customers located at a considerable distance from the PBX with the service.

Versatility of applications in FTTx architecture

Huawei H802GPFD is a versatile tool that is used in various scenarios of fiber optic network construction. It works well in implementations of the type:

- **FTTH (Fiber to the Home)** - delivering signals directly to homes and apartments of residential customers.
- **FTTB (Fiber to the Building)** - bringing fiber to multi-family buildings and office buildings.
- **FTTO (Fiber to the Office)** - building high-performance networks for business customers.
- **FTTM (Fiber to the Mobile)** - supporting data transmission for mobile network base stations.

This flexibility makes the card a valuable component of any broadband network development strategy.

Made to work in demanding conditions

Operational stability is crucial for network services. The H802GPFD card is designed for uninterrupted operation over a wide temperature range - **from -25°C to 65°C**. This allows it to be installed in a variety of locations, including those with less controlled environmental conditions. What's more, it features **low power consumption**, which is not only good for the environment, but also directly reduces maintenance costs (OPEX) of the entire OLT platform.

Seamless integration with Huawei ecosystem

The H802GPFD card is fully compatible with Huawei's popular and widely used OLT platforms, including the **MA5608T, MA5680T and MA5683T**. For current users of these systems, this means the assurance of seamless installation and configuration. The card is recognized by the management system, allowing rapid deployment and service start-up for new customers without lengthy and complicated integration processes.

The H802GPFD GPON card is the perfect solution for

- Telecommunications operators and Internet service providers (ISPs) building or upgrading GPON networks.
- Companies deploying fiber optic infrastructure in the FTTx (FTTH, FTTB) model.
- Administrators responsible for campus and corporate networks.
- Telecommunications system integrators looking for proven and scalable solutions.