

# Gpfd optical module



## Overview

GPFD is a GPON interface card of Huawei OLT, 16-port GPON OLT Interface Board. GPFD works together with the optical network terminal (ONT) to provide GPON access services, each GPFD can maximum connect 16\*128 GPON subscribers. GPFD Have Different version. Exchanging module to achieve the convergence of 16 GPON port signals. Controlling modules to complete single board software loading, operation control, management and other functions. providing a working power supply for each function module in a single board. GPFD is stable but already considered legacy in new deployments. This Huawei GPON service board GPFD offers. The Huawei GPFD is a 16-port GPON interface card designed for OLT systems such as the MA5683T, MA5680T, and MA5608T. It is offered in three primary versions: H802GPFD, H803GPFD, and H805GPFD.



## Article Content

Jul 27, 2025

GPFD 16-port GPON OLT interface board with C++ SFP

GPFD can maximum access 16\*128 GPON subscribers. GPFD has different part number like H80D00GPF01, H80D00GPF02 etc, but basically you only need

Aug 11, 2025

An in-depth analysis of the North America 5G Optical Module

The "North America 5G Optical Module Market" Insights report offers an in-depth and thorough analysis of the market, covering aspects such as size, shares, revenues, segments,

Mar 23, 2026

200G Optical Module Market Report: Size, Growth,

200G Optical Module Market size was valued at USD 2.5 Billion in 2023 and is projected to reach USD 5.1 Billion by 2031, growing at a CAGR of 14.2% The

Jun 26, 2025

Optical Transceiver Market Size, Share, Industry Report

Optical Transceiver Market Size The global optical transceiver market was valued at USD 13.4 billion in 2025. The market is expected to grow from USD 15.4 billion in

May 05, 2026

400G Optical Modules Explained: SR4 Vs. DR4 Vs. FR4

Key differences between SR4, DR4, FR4, and LR4 400G optical modules. Expert advice from Asterfusion engineers to optimize your data center

Jul 15, 2025

Huawei GPF01 16-ports Gpon OLT Interface Board

Huawei GPF01 Product description: Huawei GPF01 Service Board is 16-port GPON OLT interface board with B+ orC+ SFP module for Huawei OLT MA5608T

Aug 04, 2025

Designing a Module for High-Speed Optical Communication

The ultimate goal for all-optical connectivity with an ultra-high F5G bandwidth is to increase transmission rates. Optical modules — the foundation of optical communication networks — face the design

Apr 21, 2026

Huawei H805GPFD 16-Port GPON Interface Board for MA5600T

The Huawei H805GPFD is a 16-port GPON service board for MA5600T/MA5680T OLTs. It uses C+ class optical modules, supporting a line rate of 2.488 Gbit/s downstream and 1.244 Gbit/s upstream,

Feb 23, 2026

Optical module design resources | TI

View the TI Optical module block diagram, product recommendations, reference designs and start designing.

Jul 08, 2025

Huawei H805GPFD MA5600T GPON Board Best Price

This Huawei GPON service board GPFD offers excellent value. It

Jul 23, 2025

Huawei Interface Board Gpfd805 Gpfd Card with C

Using Ethernet as the carrier, adopting a point-to-point structure and passive fiber optic transmission method. At present, it can support a symmetrical speed of

Aug 28, 2025

Buy Huawei H906GPFD 16-port GPON Board Best Price

Supply Huawei H906GPFD with CLASS B+/CLASS C+/CLASS C++ Modules, Best price for bulk procurement, Inventory with fast delivery

Sep 30, 2025

GPFD Huawei 16 Ports GPON Service Board

Feature and Application: The basic principles of GPFD are described below: The control module completes the function of loading, running control and

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Aug 24, 2025

GPFD Service Board GPFD price and specs epfd ma5608t ycict

The OLT product is positioned as an optical access device OLT, which supports GPON, 10G GPON, EPON, 10G EPON, and P2P access modes, and provides services such as Internet

Apr 02, 2026

Huawei GPF805 16-ports Gpon OLT Interface Board

Exchanging module to achieve the convergence of 16 GPON port signals. Controlling modules to complete single board software loading, operation control,

Jan 25, 2026

Huawei Interface Board Gpfd805 Gpfd Card with C

Huawei interphase board GPF805 GPF805 card with C+ optical Module Model no.: GPF805 GPON access capability High speed, supporting transmission rates of

Feb 13, 2026

Global 800G Optical Module Market Research Report 2025

The 800G Optical Module market size, estimations, and forecasts are provided in terms of output/shipments (K Units) and revenue (\$ millions), considering 2024 as the base year, with

Apr 08, 2026

Single Mode Optical Modules Market 2026

Emergence of Coherent Optics for Long-Haul The market is seeing growing interest in coherent Single Mode Optical Modules for metro and long-haul applications, offering improved transmission

Sep 23, 2025

GPF805 16-port GPON OLT interface board with C++ SFP

C SFP Module Optical Power: 3 dBm~7 dBm, Receiver Sensitivity: -32 dBm GPF805 is a 16 port GPON interface card of Huawei OLT, provide GPON service access

Jul 09, 2025

Huawei H805GPF805 Interface Board With B+/C+/C

Check Huawei 16-port GPON OLT Interface Board with B+/C+/C++ module, apply to Huawei MA5608T/MA5680T/MA5683T, test assured, one year warranty.

Dec 12, 2025

Market Study on Global Germany 5G Optical Module 2026-2033

The Germany 5G Optical Module market refers to the sector involved in the production and deployment of optical modules that facilitate high-speed data transmission for 5G networks. These

Jun 15, 2026

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Dec 25, 2025

Huawei Gpfd C+ Gpon Line Card Service Board FTTH

Huawei GPDF Service Board Line Card is 16-port GPON OLT interface board with B+ C+ and C++ SFP module for Huawei SmartAxMA5608T MA5683T MA5680T

Aug 30, 2025

Huawei GPDF Service Board 16 Ports High Quality GPON

C+ SFP Module Optical Power: 3 dBm~7 dBm, Receiver Sensitivity: -32 dBm Exchanging module to achieve the convergence of 16 GPON port signals.

May 28, 2026

Hw Gpfd Service Board 16-Port Gpon Olt Interface

C+ SFP Module Optical Power: 3 dBm~7 dBm, Receiver Sensitivity: -32 dBm Exchanging module to achieve the convergence of 16 GPON port signals.

Dec 10, 2025

HUAWEI GPDF 16 PON WITH C++ MODULE STOCK AVAILABLE

HUAWEI GPDF 16 PON WITH C++ MODULE STOCK AVAILABLE \*LINKS TELCOM SOLUTIONS (PVT) LTD\* LAHORE: 03224560069 LAHORE: 03480467600 \*MIAN USMAN\* : 03248923155 ☐☐

Feb 24, 2026

HUAWEI GPDF 16 Port GPON With B+ C+ C++ SFP Modules

The OLT product is positioned as an optical access device OLT, which supports GPON, 10G GPON, EPON, 10G EPON, and P2P access modes, and provides services such as Internet access, voice,

Oct 21, 2025

Gpon Board Gpfd Line Card with 16 B+ C+ C++ SFP

Product Description GPFD is a GPON interface card of Huawei OLT, 16-port GPON OLT Interface Board GPFD works together with the optical network terminal

May 20, 2026

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

## Contact Us

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