

Devices that Huawei's GPON gateway can manage



Overview

With this module, you can add and configure OLTs, manage VLANs (Virtual Local Area Networks), discover boards, sync tariff profiles, and assign ONTs (Optical Network Terminals) to customers without leaving the Splynx interface. Huawei OptiXstar EG8145B7-50 is a GPON and Wi-Fi 7 routing-type ONT. The high forwarding performance ensures the user experience of voice and data services, and provides. Huawei GPON OLT (Optical Line Terminal) and the Huawei EG8247W5 ONT (Optical Network Terminal) are two essential components that help maximize network performance in GPON (Gigabit Passive Optical Network) deployments. Before diving into specific models, it helps to understand what actually matters for an ISP serving hundreds to low thousands of subscribers. Port density matters, but only up to. Huawei OptiXstar S600E is a miniature GPON SFP ONU device that can be inserted into the SFP port of a camera or AP device to provide GPON access for the device to meet the requirements of video backhaul or wireless backhaul.

Article Content

Oct 16, 2025

Huawei Technologies HG8245Q2 GPON Terminal User

User manual instruction guide for GPON Terminal HG8245Q2 Huawei Technologies Co.,Ltd. Setup instructions, pairing guide, and how to reset.

Dec 08, 2025

What is GPON? Complete Guide to Gigabit Fiber Networks

Learn GPON technology basics, how it works, advantages vs EPON, and future PON trends. Complete guide to Gigabit-capable Passive Optical

Oct 07, 2025

Huawei Echo Life HG8245 ONT

Huawei Echo Life HG8245 ONT 2POTS+4FE+1USB+WiFi is an optical network terminal (ONT), is a high-end home gateway in Huawei FTTH

Jun 17, 2026

PON Management

Overview PON Resource Management This section describes PON resource management, including the functions, features, how to add GPON devices, manage PON devices, manage device software,

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HG8245 Series GPON Huawei Smart Home Gateway

In this way, you can enjoy quality high-speed data service, voice service, and video service. In addition, the HG8245 and HG8247 provide reliable wireless access

Aug 02, 2025

Huawei EchoLife EG8245H5 FAQs Knowledge Base & FAQ

The Huawei EchoLife EG8245H5 is a routing-type ONT in the Huawei all-optical access solution. It uses the GPON technology to implement ultra-broadband access for users.

Jan 22, 2026

How to Huawei EG8247H5 GPON used as a WIFI extender or how to

How to Huawei EG8247H5 GPON used as a WIFI extender or how to use Huawei router as WIFI extender Techlogic Tariq 40.4K subscribers Subscribed

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Huawei GPON configuration (commands) | Splynx Documentation

Overview In this article, you can find helpful commands that can be used for the configuration of Huawei MA5800-X7 GPON from within Splynx. Huawei instead of the show use the display command. Also,

Jul 02, 2025

Huawei GPON

With this module, you can add and configure OLTs, manage VLANs (Virtual Local Area Networks), discover boards, sync tariff profiles, and assign ONTs (Optical

Dec 08, 2025

KIT: GPON ONT terminal Huawei EG8145X6-10 (Wi-Fi

The offered product is a set consisting of the Huawei EG8145X6-10 GPON ONT terminal and the Huawei K562e-10 wireless router. Such a set is perfect for

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How can I set up the Internet for my new HUAWEI router

Learn about "How can I set up the Internet for my new HUAWEI router on my phone". Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

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HUAWEI Routers

Explore HUAWEI's latest routers. Learn about HUAWEI WiFi Mesh Series, HUAWEI WiFi BE/AX Series, HUAWEI CPE Series, and HUAWEI Mobile WiFi Series.

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Huawei EchoLife HG8245H Support Guide, Manuals & PDF - Huawei

Echolife ONT Port Specifications 04 Datasheet HG8245H Datasheet 06 HG8245H Datasheet 03 (5dBi) Quick Start Gateway ONT Quick Start 13 Configuration Guide EchoLife ONT Configuration Guide

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HUAWEI ECHOLIFE HG8245 QUICK START MANUAL

View and Download Huawei EchoLife HG8245 quick start manual online. GPON Terminal. EchoLife HG8245 network router pdf manual download.

Jul 04, 2025

PON Device Management

PON Device Management provides resource management and service planning. It allows you to view the resources and statuses of PON devices and manage the devices. In addition, it allows you to

May 22, 2026

Top 5 Best OLT Devices for High-Performance GPON and EPON

It offers 8 service slots in a compact form factor that fits standard 19-inch racks. You can mix GPON and EPON line cards in the same chassis, giving you flexibility if you serve mixed-technology areas.

Dec 18, 2025

Huawei GPON & 10GPON ONT/ONU & Huawei OLT

These solutions support multi-service access, including GPON, XG-PON, and 10G-EPON, delivering high bandwidth, reliability, and scalability for Fiber-to-the-Home

Nov 25, 2025

G/EPON ONU IP Address, Configuration & Default Login

the EPON ONU IP address, how to do a basic EPON ONU configuration, and how to log in using the default username and password for

Dec 19, 2025

Huawei Technologies GPON Terminal : User's Manual

GPON terminals can be placed on a workbench. Do not install GPON terminals in other modes, such as the ceiling. 3.The terminal cannot be connected to other devices such as GPON terminals, switch

Aug 20, 2025

How to Configure a GPON ONT (Distributed Mode)

Only when the channel between the Huawei OLT and the Huawei ONT is available, then the Huawei OLT can manage the Huawei ONT and the Huawei ONT can

May 05, 2026

HUAWEI-XPON-TRAP-MIB MIB - Observium MIB Browser

HUAWEI-XPON-TRAP-MIB The MIB is used for defining Huawei's GPON and EPON management TRAP objects for both profile-mode and distributing-mode.

Oct 13, 2025

GPON-ONU-34-20BI Configuration Guide

1. Hardware connection GPON-ONU-34-20BI plug in the Host device's GE fiber port convert GE uplink to GPON uplink and support 1GE/2.5GE rate

Nov 17, 2025

Huawei intelligent GPON and Wi-Fi 7 routing-type ONT

Huawei OptiXstar EG8145B7-50 is a GPON and Wi-Fi 7 routing-type ONT. It uses the GPON and Wi-Fi 7 technologies to implement ultra-broadband access, high performance and wide coverage for users.

Sep 11, 2025

Optical Access

It supports visualized management on a mobile app, simplifying O& M, even for those with limited expertise. In addition, the solution uses next-generation power over

Dec 04, 2025

Optical Terminal

Huawei OptiXstar W627E-01 is a GPON upstream Wi-Fi 7 ONU that provides four GE ports, one POTS port, one USB port, and 2.4 GHz & 5 GHz Wi-Fi 7 functions.

May 12, 2026

All Products and Solutions

Directory of Huawei enterprise IT infrastructure products, solutions, and services.

Sep 13, 2025

Huawei EG8247W5 GPON High Speed Network

Huawei GPON OLT devices are highly scalable, which means they can grow alongside the increasing demand for bandwidth. As more devices are

Contact Us

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