

Huawei AP Panel Fiber Optic



Article Overview

Huawei fiber-capable access points (APs) support hybrid optical-electrical uplinks, plug-and-play optical modules, and flexible deployment for high-speed indoor wireless networks.

Key Huawei Fiber-Optic AP Models

AirEngine 5762-15HW

- Wi-Fi 6 (802.11ax) wall plate AP with 2 x 2 MIMO, supporting 2.4 GHz and 5 GHz bands at up to 2.975 Gbit/s .
- Features a 2.5GE optical uplink port compatible with GE optical, hybrid, or GPON modules, plus 4 GE electrical downlink ports .
- Supports hybrid cables for simultaneous data transmission and PoE over distances exceeding 1 km, ideal for SMEs, hospitals, and cafés .
- AirEngine 5773-23HW
- Wi-Fi 7 (802.11be) wall plate AP with 4 spatial streams, delivering up to 3.57 Gbit/s .

- Supports hybrid cables and plug-and-play optical fibers with an uplink optical port capable of PoE over distances up to 2 km .
- Designed for SMB workplaces, higher education, and hospitals, with dual-band smart antennas for interference suppression and high-quality coverage .
- AirEngine 5773-25HW

- Wi-Fi 7 wall plate AP with four spatial streams and peak data rate of 3.57 Gbit/s, supporting 2.4 GHz and 5 GHz bands .
- Includes one 2.5GE optical uplink port, one 2.5GE electrical uplink port, eight GE downlink ports, and a USB port

Article Content

Huawei E0PANEL01 2U Fiber Management Panel Box Type

This 2U rack-mounted fiber manager panel provides 24 SC/APC ports with integrated cable management, ensuring orderly patching

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

These modules support transmission distances up to 60 km, provide excellent optical budgets, and are optimized for

Huawei Debuts Wi-Fi 7, 50G PON, and Fiber Sensing

In campus networks, Huawei rolled out the industry's first symmetric 50G PON ONU, a zero-roaming optical AP, and

Connecting Optical Fibers and Ethernet Cables

Connecting Optical Fibers The device can transmit upstream data over optical fibers. Optical fiber connectors (also called optical

Optical Fiber Connector

In principle, optical fiber connectors with different ceramic ferrule endfaces cannot be connected. Generally, connecting a PC

Optical fiber, the foundation of smart cities

Optical fiber, the foundation of smart cities Shanghai, an all-optical smart city (Posted June 2022) As generation and use of data

Huawei FTTR for Home | FTTR-B Solution | Fiber to the room

Huawei's fiber to the room (FTTR) solution extends fibers to rooms and provides various gigabit Wi-Fi 6 master/slave FTTR units, all

The Fiber-Driven Future: Huawei's Comprehensive Portfolio For Next ...

This technical analysis explores Huawei's optical networking ecosystem—from central office to customer premises—revealing how

Huawei Launches the Upgraded FTTO 2.0 Solution to ...

Perry Yang, President of Huawei Enterprise Optical Domain In the Wi-Fi 7 era, campuses need to replace copper

Principles for Deploying Optical APs

Principles for Deploying Optical APs General Principles for Deploying Optical APs Optical APs are deployed indoors in key areas to

Fiber Optic Patch Panel

Fiber optic patch panel provides secure, neat and orderly storage for the direct terminated optical fibers

Optische Endgeräte von Huawei

Die Mini FTTO-Lösung von Huawei bietet Dualband Wi-Fi 6 und ermöglicht kabellosen und kabelgebundenen Ultra-Gigabit-Zugang

Optical Access

Huawei's MiniFTTO solution provides dual-band Wi-Fi 6, enabling ultra-gigabit all-optical wired and wireless access anywhere. It

Perimeter Security with Fiber Sensing | Huawei Enterprise

Huawei OptiXsense EF3000-F50 is a distributed optical fiber vibration sensor system designed for perimeter inspection scenarios. It

Optical distribution frame (ODF)

Optical distribution frame (ODF) The FIU2117/FTU2114 can be installed in 19 inch or 21 inch integrated cabinets with depth greater

Optical Fiber

AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an

Installing an Indoor Settled AP (With a Fiber Management Tray)

Insert the optical fiber connector into the LC flange connector of the device. Install the AP on the mounting bracket. In scenarios such

Fiber optic fast connector

Fiber optic fast connectors 3.0mm and 0.9mm. if you are interested welcome contact

Huawei Unveils 10G All-optical FTTO 2.0 Network for Smart Campuses

For hotels, Huawei launched the next-generation three-in-one Wi-Fi 7 optical AP Huawei OptiXstar W827E-3, which

Huawei Ranks No. 1 in China's POL Market for the Seventh

Huawei has once again secured the No. 1 position in China's Passive Optical LAN (POL) market for 2025, according

Installing an AP (With a Fiber Management Tray)

The following operations use a settled fiber management tray (part number: 21207914). If T-rail mounting brackets are used, the fiber

HG8310M Huawei Optical Fiber Modem XPON ONT

Transform your digital experience with the HUAWEI ECHOLIFE HG8310M HG8010H XPON ONT English Version. Driven by cutting

Optical AP/ONU Installation Guide

Support Documentation Optical Access F Series ONU OptiXstar F600C Learn About Solutions Deployment and Maintenance Guide

Huawei Passive Optical Network (PON) Splitters: Empowering FTTH ...

Since PON splitters are passive components, they do not require external power, making them highly reliable and easy

Huawei Releases F5G-A Product Series and Ten

At the summit, Huawei shed light on the global progress of all-optical networks in driving

Huawei ONT LED Status & it's Function

When the LOS LED blinks slowly, check whether the pigtail fiber is connected normally and

Decoded: Extending optical fiber to every room of the home ...

Fiber-to-the-Room (FTTR) is about extending optical fiber throughout the home so that Wi-Fi is perfect

Contact Us

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