

Huawei AP Wireless Fiber Optic Panel



Article Overview

Huawei offers hybrid optical-electrical access points, such as the AirEngine 5762-15HW, that support fiber optic uplinks for high-speed, long-distance connectivity.

Key Features

AirEngine 5762-15HW is a Wi-Fi 6 wall plate AP designed for indoor environments like SMEs, hospitals, and cafés. It supports 2 x 2 MIMO on both 2.4 GHz and 5 GHz bands, achieving speeds up to 2.975 Gbps. Its hybrid design allows the uplink optical port to transmit data and supply power over distances exceeding 1 km, making it ideal for fiber optic deployments. The AP includes 1 x 2.5GE optical port for uplink and 4 x GE electrical ports for downlink, with compatibility for GE optical, hybrid, or GPON modules. Huawei's cloud management platform simplifies configuration and reduces O&M costs (Web result). Other Huawei APs, such as the AP7060DN, provide high-density indoor Wi-Fi 6 coverage with dual-band 4x4:4 MIMO radios, delivering up to 5.95 Gbps. It features a 10 GbE uplink that can auto-sense down to 1 GbE, ensuring the backhaul keeps pace with wireless capacity. This AP is suitable for enterprise environments requiring high client concurrency and supports OFDMA, MU-MIMO, and airtime fairness for optimized performance (Web result).

Deployment and Use Cases

Huawei fiber optic APs are designed for flexible deployment in environments with high user density or long-distance cabling requirements. Wall plate APs like the 5762-15HW can be installed in standard junction boxes, reducing installation costs...

Article Content

Huawei AP4050DE-B-S 802.11ac Wave 2 Wifi Access Point

Huawei AP4050DE-B-S is a wireless access point (AP) tailored to SMB that supports 802.11ac Wave 2, 2 x 2 MU-MIMO, and two

Optische Netzwerk-Zugangslösungen von Huawei

MyNet, a fiber optic provider in Italy, super-charges italian SMEs with Huawei GPON technology. With the help of MyNet and Huawei

OptiXaccess MA5801S (Blade OLT)

Some geographical conditions are complex, such as islands and mountainous areas, and therefore they consume high upstream

IP67 Waterproof OptiTap Outdoor Fast Connector Mini

Enhance outdoor connectivity with our IP67 OptiTap Outdoor Fast Connector Mini SC/APC.

Huawei Enterprise Official Website

Huawei Enterprise provides a broad range of innovative ICT infrastructure products and solutions for vertical industry and enterprise

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

Huawei Unveiled New HUAWEI eKit MiniFTTO Wi-Fi 7 ...

New Products: All-Scenario Coverage for All User Requirements The three-in-one AP F700D supports one fiber for

Indoor Access Points

The AP is empowered by brand-new Wi-Fi 7 technologies, significantly enhancing users' wireless network experience. Additionally, it

AirEngine 6760R-51 & 51E Outdoor WLAN AP

AirEngine 6760R-51 and 51E are next generation, high-performance outdoor AP that fully comply with Wi

Fiber to The Room (FTTR) Solution

Huawei OptiXstar K662d Huawei OptiXstar K662d is a desktop slave FTTR that works with the master FTTR in the Huawei FTTR for

Huawei Fiber Optic Router

Huawei routers provide wireless connectivity with fast Internet speed and great coverage through fiber optics, while optical routers

Huawei AirEngine 5776 Series - High-Performance Wi

The Huawei AirEngine 5776 Series represents the latest evolution in Wi-Fi 7 Access Points,

Huawei: Huawei Intelligent Optical Wi-Fi Solution

Huawei's Intelligent Optical Wi-Fi Solution is an enterprise-level optical Wi-Fi solution with high coverage

Huawei HG8546M XPON FIBER OPTIC WIFI ROUTER

Description Huawei HG8546M XPON FIBER OPTIC WIFI ROUTER The Huawei HG8546M, Optical

Optical Access

The Huawei FTTM solution applies F5G optical technologies to the industrial field to provide a bearer

Installing an Ethernet Cable and a Fiber

Figure 3-15 Installing an optical module Route a fiber through the bottom of the socket. Remove the dustproof cap from the fiber

All Products and Solutions

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

Assembling a Hybrid Cable 2.0

Assembling a Hybrid Cable 2.0 Context A hybrid cable is composed of optical fibers and copper cores. It is mainly used to connect a

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

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

AP Products Overview

AP Products Overview Huawei offers many WLAN AP products, and you can select AP products according to project requirements

Unlock Ultimate Wi-Fi 7 with Huawei AirEngine 5773 Series

Huawei's AirEngine 5773 Series brings true 802.11be Wi-Fi 7 to indoor networks, blending up to 3.57 Gbps throughput, Smart

Huawei: Huawei Intelligent Optical Wi-Fi Solution

The optical Wi-Fi solution has a built-in wireless controller on the OLT, which connects to the optical Wi-Fi AP through optical fibers

AirEngine 5773-25HW Access Point

AirEngine 5773-25HW draws on Wi-Fi 7 innovations to redefine wireless user experience. It also supports Huawei's unique hybrid

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

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

Intelligent OptiX Network | OptiX | All-Optical

Huawei's intelligent OptiX network strategy aims to build intelligent, simplified, ultra-broadband, and

Huawei Releases F5G-A Product Series and Ten Global All-Optical

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

Optical Fiber

A single-mode optical fiber and a multimode optical fiber have the same appearance but different colors. A single-mode optical fiber

Huawei AP7060DN – High-Density Indoor Wi-Fi 6

The Huawei AP7060DN sets the benchmark for Wi-Fi 6 Access Points. Combining dual-band 4×4/8×8 MU

HUAWEI Routers

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

Huawei AirEngine 5573-21 Access Point Datasheet

Product Overview Huawei AirEngine 5573-23HW is a next-generation wall plate access point (AP) in compliance with Wi-Fi 7

Contact Us

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