

Review the EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point router

EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point is a high quality 802.11ax access point that supports MESH, which simplifies deployment of Power-Over-Ethernet technology.

Since WiFi technology is used for businesses, it has become a controversial technology.

What IT managers want is a technology that meets special needs easily, can be quickly deployed, managed, and not outdone by the wave of technology that is taking place before being fully implemented.

That's exactly what EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point will provide. Find out more about this device through the following article!

Price of EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point

The price of EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point reflects that it provides enterprise-class technology, not for home users or small businesses.

EnGenius offers two models: EWS377AP (reviewed here) and EWS357AP a little less impressive. The popular price for EWS377AP is \$ 308 (7,133,000 VND) on Amazon.

Design

EnGenius comes with a classic and distinctive minimalist style. Gentle square dome shape, size 205mm made from high quality white plastic combined with aluminum base.



Minimalist design

There is no means to power this device. The answer may be that users are encouraged to power this device with PoE (Power Over Ethernet), because only the Ethernet port supports it.

The version of PoE provided is 2.5GBASE-T PoE +. But, to achieve that level of traffic, a switch that will support 2.5GBASE-T on PoE links and those devices is not cheap.

Without that connection, most of the potential WiFi bandwidth provided by EnGenius EnSky can only be shared between connected wireless devices, not suitable for a wide range or further wired network.

As an IEEE 802.11ax access point, referred to by the Wi-Fi Alliance as Wi-Fi 6, this hardware supports a number of important enhancements that 802.11ac does not include, such as MU-MIMO (both uplink and downlink), segmentation. Dynamic data packet fragments and Target Wake Time (TWT) technology help reduce overall power consumption.

Installation and configuration

This hardware is meant to be mounted on a ceiling. When installed, powered and connected to the network, it can be configured using an existing web interface or a remote management tool like SkyKey.



EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point can be mounted on the ceiling

Efficiency

Usually at close range, EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point achieves about 650Mbps on 5GHz connections and 150Mbps on 2.4GHz links. These levels decrease with distance, but not as dramatically as with 802.11ac hardware. Even a few rooms away, the speed still reaches more than 200Mbps on the 5GHz band, which is impressive.

This router is equipped with Qualcomm Quad-Core A53s chipset clocked at 2GHz, providing 802.11ax connections on both 2.4 and 5GHz bands.

Some 4x4 hardware manufacturers are adding 160Hz channels to their devices to create more bandwidth, but this is not an option with the Qualcomm chips used here.

Due to the recent firmware upgrade, EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point is fully MESH capable and by the time the 802.11ac specification has been fully approved, it is hoped that the next upgrade will open. Wide range of hardware when additional channels are available.

Conclude

EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point is a high quality 802.11ax access point that supports MESH, which simplifies deployment of Power-Over-Ethernet technology. The additional cost is worth paying for an access point superior to all other 802.11ac hardware. EnGenius EnSky Wi-Fi 6 4x4 Indoor Access Point allows to expand the range and increase the quality of service in high traffic environments.

Advantages:

1. PoE +
2. Uplink and OFDMA downlink
3. MESH capable

Defect:

1. The price is not cheap
2. Excludes PSU (power supply device)

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