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About Helium (HNT)

The following is all you need to know about Helium — a decentralized Internet of things (IoT) device network driven by [blockchain](#). In a constantly decentralized world, many platforms, technologies and services are transitioning from centralized proprietary systems to open and decentralized systems. Peer to peer (P2P) networks make it possible to introduce blockchain networks.

Over the years, [Bitcoin](#) (BTC), [Ethereum](#) (ETH) and other digital assets have shown how important a decentralized transaction ledger is. [Helium \(HNT\)](#) is a decentralized network driven by blockchain for Internet of things (IoT) devices. The main purpose behind the creation of Helium networks is to stimulate the creation of physical and decentralized wireless networks.

What is Helium?

The Helium network is a decentralized wireless network that helps devices connect wirelessly to the Internet anywhere in the world. It also allows them to replicate themselves without relying on satellite positioning hardware or expensive cellular phone schemes.

A blockchain with native protocol tokens is needed to power the Helium network. It is encouraging the two-sided market between suppliers and consumers. This makes wireless networks more competitive goods, which can be obtained at a cheaper price anywhere in the world. Helium network has different applications in various industries. It is the first decentralized network among similar products.

With its open source and security fundamentals, developers have the opportunity to establish low-power Internet connection devices at a lower price and faster speed.

Helium's History and Team

Helium network was launched in July 2019. Its main network allows low-power wireless devices to communicate with each other and transmit data on its node network. These nodes exist in the form of hotspots and are a combination of blockchain mining equipment and wireless gateways.

Amir Haleem, Shawn fanning and Sean Carey co founded Helium in 2013. The goal of Helium network is to prepare for future IOT communication. Since its launch, the Helium team has continuously discovered the shortcomings of the current infrastructure.

The co-founder Amir Haleem has a background in the E-sports and game industries. At the same time, fanning played a key role in developing music sharing services, which became one of the first mainstream peer-to-peer Internet services in the late 1990s. This service is called Napster. Finally, before joining the Helium team, Carey mainly played several development roles in where (an advertising optimization company).

The Helium network team is composed of experts with sufficient experience in radio and hardware, distributed systems, manufacturing, blockchain technology and point-to-point.

Helium (HNT) Token

HNT token is the local cryptocurrency of Helium blockchain. The earliest token appeared with the creation block on July 29, 2019. There is no provision for pre mining HNT. This token serves the needs of two major parties in the Helium blockchain ecosystem. That is, hot hosts and network operators, as well as enterprises and developers using the Helium network.

Helium Benefits

Helium (HNT) blockchain has many advantages. First of all, in the traditional centralized telecommunications, the price of data is rising every year. However, the Helium blockchain provides a form of decentralization. It grows organically with the increase of more hot spots, and the price is cheaper.

Secondly, Helium ensures that all communications on the blockchain are encrypted end-to-end, making it most suitable for sensitive information. In addition, the sensors on the Helium blockchain are different from those on the cellular chip, which helps to save battery life. They can even last for years. Other benefits of the Helium blockchain include its ability to execute on a large scale and low operating costs.

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