

# What is Tron (TRX) Cryptocurrency and How Does it Work?



## What is Tron (TRX)?

Tron is a blockchain-based project that launched in 2017. It was quite unique at the time, as it did not seek to advertise improvements related to cryptography or network design.

Tron's core elements, such as decentralized applications (dApps), smart contracts, tokens, or delegated proof-of-stake consensus, were all pioneered by other projects. While some criticized the project's lack of innovation, many approved of its use of already-tested features rather than trying to build something new by any means. This allowed for a greater focus on user experience and design.

Tron has stood out for its Asia-focused business strategy, which has relied heavily on the advertising of its founder and creator, Justin Sun. With an incredibly active community of ardent supporters, it's no surprise that the futuristic-sounding [Tron token development](#) has enjoyed some success.

The TRX cryptocurrency gained even more mainstream attention in 2018 when the non-profit development company behind Tron, the Tron Foundation, acquired the peer-to-peer content sharing platform BitTorrent.

## How Does Tron Work?

While Tron is now a separate coin, it was once an ERC-20 token based on Ethereum.

The Tronix network operates on a few principles, the first being decentralization. All data on the blockchain is completely free and not controlled by any central authority. Content creators can earn the TRX token as a reward for publishing their content.

It is also possible for creators to create their own tokens on the Tron network. These tokens can then be used in users' decentralized applications (dApps) on the network. These newly created tokens are backed by the main TRX token.

The final step in the network's development plan includes supporting games on the Tron network. These games would be completely decentralized and users would be able to reward creators directly if they enjoy the game.

Tron operates on a delegated proof-of-stake consensus mechanism. In this system, transactions are validated by 27 super representatives who are responsible for maintaining transaction history. Super representatives are chosen every six hours and earn TRX coins generated by the mechanism as a reward for their services.

## What Makes Tron Unique?

Tron is a very special cryptocurrency because it brings an entirely different perspective and goals to the market. There are no transaction fees for TRX, which is quite a remarkable feat. Moreover, the network is capable of supporting 2000 transactions per second.

Holding (and staking) TRX gives users the opportunity to participate in the Super Representative selection process. Additionally, the platform's ability to reward content creators for their work, while retaining full ownership of their projects, is an extremely valuable concept.

## What Makes Tron Valuable?

The biggest benefit of using Tron is the fact that artists and content creators around the world now have the ability to fully own the content they create. The ability to create their content and share it without having to worry about crippling transaction fees is also a major plus.

Tron is one of the main projects that some call web 3.0. The main goal of web 3.0 is to allow people to use the internet in a decentralized and open way, with this new network having real value built into it.

From a developer perspective, Tron is special because it is currently being built to allow the use of a high-level language for its smart contracts. In the future, developers will be able to use any programming language to build on top of Tron's open software design.

## How is the Tron Network Secure?

Tron's main security feature is its delegated proof-of-stake consensus mechanism. The system rotates the network's validators every six hours, and each of these validators is chosen by voters (users who have staked their TRX token).

The Tron community has the opportunity to contribute to development and earn rewards by participating in the bug bounty program, a unique way to combat the constant flow of bugs associated with software development. As part of this program, the Tron Foundation offers generous TRX rewards for any bugs or vulnerabilities that are discovered.

## How to Use Tron?

The Tron network is currently capable of supporting various applications and games. Besides its primary use as a platform for content creators, Tron is often used to make transactions, as TRX transactions do not incur any fees.

Tron is used as a payment method by many companies including Travala, SpendCard, Bitnovo, etc. In addition to this, Tether moved its stablecoin to Tron's network, called USDT-Tron.

After acquiring BitTorrent, Tron became an even more impressive ecosystem.

## How to Choose a Tron Wallet?

Since [Tron token development services](#) is a well-known cryptocurrency, it is supported by many wallets, both software and hardware. There are more than enough options for users to choose from, and each user will have to decide based on their specific needs.

Kriptomat offers a secure storage solution that allows you to store and trade your TRX tokens without any hassle. Storing your TRX with Kriptomat gives you enterprise-grade security and user-friendly functionality.

Buying and selling TRX tokens, or exchanging them for any other cryptocurrency, is done in moments when you store on our platform.

## The Bottom Line

Tron is a unique cryptocurrency project that has taken various technologies pioneered by other projects and made them work together. The Tron network offers a solution to content creators who are plagued by censorship or other issues with centralized content platforms. Additionally,

its zero transaction fee system makes it an attractive choice for businesses and consumers when it comes to cryptocurrency payments.