

ZCASH

Rating **BB**

Outlook	Stable
Label	Payment
Total Supply	210,000,000
In Circulation	4,621,844

Score

TEAM



PROJECT



ECOSYSTEM



Analyst

Weirong Chen

data@tokeninsight.com

tokeninsight.com

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Risk

Zcash is a token focusing on payments and is committed to protecting the privacy and security of its transactions. The project uses a zero-knowledge proof to encrypt the information of its senders, recipients, and transaction volumes. However, high anonymity also carries the risk of political scrutiny and policy supervision.

Summary

Team

Founder, Zooko Wilcox

- More than 20 years of experience in open, decentralized systems, cryptography, information security, and startups

Zcash Foundation

- Registered in the state of Delaware and dedicated to building Internet payment and privacy infrastructure for the public good and serving the users of its Zcash protocol

Advisors

- Gavin Andresen: Chief Scientist at the Bitcoin Foundation
- Vitalik Buterin: Founder and Chief Scientist of Ethereum

Project

Zcash is a fork of the bitcoin protocol and was launched in 2016. It uses a type of zero-knowledge proof called zk-SNARKs to encrypt sender, amounts, and recipient data within single-signature transactions.

Zk-SNARKs

A zk-SNARK is an efficient variant of a zero-knowledge proof of knowledge. It allows users to prove knowledge of some facts about hidden information without revealing that information.

Proof of Work

The project currently uses Equihash as the proof-of-work algorithm for block mining. New blocks are created roughly every 150 seconds (2.5 minutes).

Ecosystem

Market Cap: \$ 620,458,570

Ranking: 20

Support Merchants

About 52 Vendors, Services, Stores, and Non-Profit Organizations that accept Zcash payments.

AAA: The technical foundation is extremely solid and project risk is extremely low.

AA: The technical foundation is very solid and project risk is very low.

A: The technical foundation is solid and project risk is relatively low.

BBB: Technical feasibility is very good and project risk is controllable.

BB: Technical feasibility is good and the risk of the project is moderately controllable.

B: Technical feasibility is moderate and project risk is limited to a controllable extent.

CCC: The technical foundation or idea has certain problems and the project has relatively large risks.

CC: The technical foundation or idea has considerable problems and the project carries large risks.

C: The technical foundation or idea has substantial problems and the project suffers from extremely large risks.

D: The project is riddled with problems and carries an extremely high risk of failure.

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