

Project Rating Update

Nano

Unchanged

B Stable Outlook

Analyst | Bill Xiong
Dec 2018

Current Stage

Nano, formerly known as Raiblocks, is a universal payment token based on a Block Lattice network structure, featuring no transaction fees, and a theoretical limit of 7000 TPS.

In terms of payment integration, there are currently 110 merchants in the areas of games and goods and services that support Nano payments, but wallet support is low. In terms of technical development, the Nano team has not published a detailed roadmap, but instead lists completed and pending projects on its official website. The projects main achievements are thus far the launch of Universal Blocks, an implementation of Ledger pruning and the landing of implementation on the ledger Nano S hard wallet. The current Boulton version of the Nano network is in the testing phase. The future plan is to implement the Lazy Bootstrapping Protocol where nodes can monitor the network in real time and Store Confirmation Height.

TokenInsight provides customized service such as project code analysis and project community analysis, etc. For more information, please contact bd@tokeninsight.com or visit tokeninsight.com

Nano 2018 Performance

Universal Blocks

✓ Completed

1

The Universal Blocks Protocol consolidates the original four types of blocks - send, receive, change, and open - into a single type, allowing the full state of the account to be integrated into one packet, improving inside network bookkeeping efficiency. On May 2018 Universal Blocks launched on the main network.

Ledger Pruning-Nano Ledger pruning

✓ Completed

2

Ledger Pruning, which is based on Universal Blocks, allows for databases of a smaller size.

Boulton Version

✓ Partially Completed

3

The Boulton version of Nano launched on the Nano test Network on November 9th 2018. In the future there will be a number of new functions based on this version, including Lazy bootstrapping, Parametric Difficulty, Store Confirmation Height, Voting Processing Time Record and Bootstrap traffic statistics.

NANO

Rating **B**

Outlook	Stable
Label	Payment
Total Supply	133,248,290
In Circulation	133,248,290

Score

TEAM



PROJECT



ECOSYSTEM



Analyst

Weirong Chen

data@tokeninsight.com

tokeninsight.com

1 Sept 2018

Risk

Nano is a payment token that was launched at the end of 2017. Its main characteristics are feeless and fast transaction speed. It utilizes DAG structure for transaction recording, and validates the network by system representatives. The technology is innovative, but stability has not yet been tested.

Summary

Team

Creator & Lead Developer, Colin LeMahieu

- Bachelor of Computer Science in St. Cloud State University
- 2017 - Present: Development Lead of Nano
- 2014 - 2017: LLVM Software Tools Engineer of Qualcomm
- 2013 - 2014: Staff Software Engineer in National Instruments

Project

Nano is a trustless, low-latency cryptocurrency that utilizes a novel block-lattice architecture, where each account has its own blockchain and achieves consensus via delegated Proof of Stake voting.

Block-lattice Structure

Each account has its own blockchain and the account-chain can only be updated by the account's owners. This allows each account-chain to be updated immediately and asynchronously across the rest of the block-lattice, resulting in quick transactions.

Delegated Proof of Stake

Nano achieves consensus via a balance-weighted vote on conflicting transactions. In the event of a conflicting transaction, nodes vote for the valid transaction

Proof of Work

The PoW in Nano is simply used as an anti-spam tool. Wallets pre-cache the anti-spam Proof of Work for the next transaction once a transaction is sent, making transactions instantaneous and can be computed on the order of seconds.

Transactions Per Second

The TPS of the beta network reached 70-90.

Ecosystem

Market Cap: \$ 2,801,559,400

Ranking: 28

Community Popularity

The followers of Twitter is about 100,000.

The members of Discord is about 30,000.

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.

TokenInsight only conducts evaluations based on quality and risk for the token projects examined, and does not make evaluations with regards to investment or valuation. For this reason, TokenInsight reports do not function as a reference for token investment.



TokenInsight

TokenInsight Inc.
Global Token Data & Rating Agency

TO OBTAIN THE LATEST DATA AND RATING REPORTS IN
BLOCKCHAIN INDUSTRY:

Website | www.tokeninsight.com

Cooperation | bd@tokeninsight.com

OTHER CONTACTS

WeChat Official Account | Tokenin

Official Twitter | [TokenInsight](#)

Official Weibo | [TokenInsight](#)

Official Telegram | <https://t.me/TokenInsightOfficial>

Official Twitter Accounts



WeChat Mini APP



INSIGHT
TOKEN