



Web 3.0 Public Chain Track Leader - Privacy + Programming
The Best Target For Hardware Mining In 2022

www.bloomblockchain.io

What Is Web 3.0

Web 1 (Read)	Web 2 (Read - Write)	Web 3 (Read - Write - Own)
<p><u>1990-2005</u></p> <p>Open protocols that were decentralized and community-governed. Most of the value accrued to the edges of the network - users and builders.</p>	<p><u>2005 - 2020</u></p> <p>Siloed, centralized services run by corporations. Most of the value accrued to a handful of companies like Google, Apple, Amazon, & Facebook.</p>	<p><u>2021+</u></p> <p>Internet owned by the builders and users, orchestrated with tokens.</p>

100% Decentralization(Trust) + 100% Privacy(Personal Rights)

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1. Aleo Background



Aleo was founded in 2019 by Howard Wu, Michael Beller, Collin Chin and Raymond Chu, Headquartered in San Francisco, USA.

Aleo's team is made up of world-class cryptographers, engineers, designers, and operators from **Zcash, Google, Amazon, and Facebook**, as well as UC Berkeley, Johns Hopkins, NYU, and Cornell.

Howard Wu is the co-founder and CEO of Aleo. He holds a bachelor's degree in applied mathematics and a bachelor's degree in computer science from the University of California, USA. He has contributed code to ETH, Zcash, and IPFS.



Alex Pruden is the COO of Aleo, a bachelor of the United States Military Academy at West Point, and an MBA from Stanford University. He used to work for Coinbase and is a partner of A16Z.

Top Investment Institutions

Aleo has an ultra-luxurious investment institution total investment of **\$298** million and a valuation of **\$1.45** billion. Round A was led by A16Z, with participation from Placeholder VC, Galaxy Digital and Coinbase Ventures. Round B was led by SoftBank Vision and Koracap, with participation from Tiger Global, Samsung Next and A16Z. Aleo is expected to launch the mainnet in Q4 2022, and will be listed on the Coinbase exchange at the same time.



Andreessen
Horowitz

SoftBank Vision Fund

SoftBank
Vision Fund

TIGERGLOBAL

Tiger Global
Management



Samsung NEXT



Galaxy
Digital



Polychain
Capital



Slow
Ventures



Coinbase
Ventures

Andreessen Horowitz A Round Lead



Andreessen Horowitz (A16Z):

A16Z was founded in 2009 by Marc Andreessen and Ben Horowitz. Has invested in Facebook, Twitter, Airbnb, Github, Skype, Groupon, Zynga, Foursquare, and then jumped into the blockchain track. Has invested in Coinbase, Ripple, Solana, Opensea, Uniswap, Dydx, Dfinity and other famous blockchain projects, the highest With a market value of \$85.8 billion, it is one of the largest listed companies in the history of technology.

Tiger Global Management Series B Investment

TIGERGLOBAL

Tiger Global Fund:

American investment company, which focuses on the Internet, software, consumer and fintech industries. Tiger Fund earned \$10.4 billion for its investors in 2020, more than any other hedge fund on the annual list of top 20 managers compiled by London-based fund firm LCH Investments.

SoftBank Vision Fund Series B Investment

SoftBank Vision Fund

SoftBank Vision Fund:

SoftBank Vision Fund 2 is Masayoshi Son Softbank's Vision Fund No. 2, which is mainly used to invest in emerging technologies such as artificial intelligence.

(A round, B round, B+ round) A total investment of 298 million US dollars

2021-04-21
(披露日期)

A轮

事件日期: -

交易金额: 2800万美元

估值: \$28 million

比例: -

投资方: Andreessen Horowitz
Placeholder VC
Galaxy Digital Variant
Coinbase Ventures
Polychain Capital
Slow Ventures
Dekrypt Capital
Scalar Capital A
Capital Ventures
zkValidator
Ethereal Ventures
个人投资者

新闻来源: 隐私应用开发平台Aleo
获2800万美元融资,
a16z领投、Galaxy
Digital及Coinbase等参
投

2022-02-07
(披露日期)

B轮

事件日期: -

交易金额: 2亿美元

估值: \$200 million

比例: -

投资方: Kora Management
软银愿景二号基金
Samsung Ventures
老虎环球基金
SEA Capital
Slow Ventures
Andreessen Horowitz

新闻来源: 零知识隐私应用平台
Aleo完成2亿美元B轮融资,
软银愿景基金等领
投

SAMSUNG
NEXT

Team Portfolio Blog In

Why we invested in Aleo, the platform for building private blockchain applications \$70 million

Feb. 7 | Written By: Joao Kim



Complete transparency and limitations on scalability are impeding the growth of blockchain applications and underscoring the need for a unified, permissionless, and private solution.

Aleo is a platform for private applications using zero-knowledge cryptography. The Aleo blockchain – based on a novel consensus protocol – is designed to be faster and more efficient than traditional models by leveraging zero-knowledge (ZK) proofs. ZK is a cryptographic technique that lets two parties verify information with each other without sharing the underlying data. The result is privacy along with unique scalability benefits of off-chain computation.

We believe Aleo's solution will enable decentralized applications that are private and scalable. That's why we joined Softbank Vision Fund 2 and other investors in a \$70 million Series B round for Aleo. This round follows on the heels of an oversubscribed, \$200 million B round that was led by Kora Capital and Softbank Vision Fund 2. The company's earlier Series A round was led by Andreessen Horowitz (a16z).

The cornerstone of Aleo's solution is s1Cloud, which includes the snarkOS blockchain and snarkVM, an off-chain, private environment for processing transactions at scale. The Aleo blockchain, snarkOS, is a decentralized network consisting of nodes running a novel proof-of-successful consensus protocol.

The purpose of snarkVM is to maintain state – securing data in a decentralized network – and verify proofs that represent state transitions/transactions. The decentralized network enables anyone to deploy or interact with an application or smart contract deployed on snarkOS in a permissionless manner.

The cryptographic core of the Aleo execution model is snarkVM. Unlike the Ethereum virtual machine, snarkVM

Aleo Network Hard Core Technology

- 1. Zero-knowledge proof:** Proving user rights without providing any information, it will greatly increase the speed of verification and protect user privacy.
- 2. zkCloud:** Make unnecessary operations off-chain for private computing, and then only send the results to the chain, which not only protects the privacy of users, but also greatly improves the speed. BTC is about 7tps, ETH is about 15tps, and Aleo reached 10,000-20,000tps in Testnet 2, so Aleo can support a larger and more exciting metaverse and games.
- 3. Leo language:** Aleo has created its own programming language, which enables developers to easily develop applications without learning complex cryptography, and also enable Dapps on other public chains to quickly transfer to Aleo Network and become Privacy Dapps.
- 4. ZEXE Privacy transaction system:** Aleo Network will not show the tokens you own, where you got them from, or your transaction records. At the same time, if any tokens, including stablecoins like USDT and USDC, run on Aleo Network, it will become privacy stablecoin. Who wants to make their wallet balances and transaction records public?

Shanjin Finance and Economics

News flash

👍 good 177 👎 bad 245

Former CIA officer: Bitcoin failed because it didn't provide privacy

6-14 00:39 ★★★★★

Gold Financial News, speaking at Consensus2022, former CIA staffer Edward Snowden said that if Bitcoin fails, it will fail because it does not provide privacy to users.

2. Zcash @zcash

At #consensus2022, @Snowden said that should Bitcoin fail, it will because it can't provide users privacy.

Aleo = ETH2.0 + Zcash

Currency	Privacy	Programming
BTC	×	×
ETH	×	✓
Zcash	✓	×
ALEO	✓	✓

Decentralized Society: Finding Web3's Soul

Ethereum founder Vitalik and Microsoft Research chief researcher E Glen Weyl Flashbots, researcher Puja Ohlhaber released a report titled :
"Decentralized Society: Finding Web3 's Soul".

The content of the paper is completely in line with the direction that Aleo is developing, and even some of the requirements can be realized after the Aleo mainnet goes online.

Decentralized Society: Finding Web3's Soul¹

E. Glen Weyl,² Puja Ohlhaber,³ Vitalik Buterin⁴

May 2022

*"The Dao is the hearth and home
of the ten thousand things.
Good souls treasure it,
lost souls find shelter in it."*

— Laozi, #62



Aleo joins forces with gaming platform Forte, Which raises \$725 million

Aleo has partnered with Forte, a blockchain gaming infrastructure company that recently raised \$725 million, and Forte will use Aleo's scalable architecture to unlock new gaming depths and build a more inclusive and immersive gaming ecosystem. Extend its ability to power a blockchain-based economy in video games with Aleo's zero-knowledge proof technology. Forte currently has more than 40 game developer partners and more than 15 million gamers.

"At Forte, our goal is to grow the gaming world and bring the power of blockchain to a whole new audience," said Forte CEO Josh Williams. "Partnering with Aleo will help us achieve that."

Aleo Economic Model

The tokens of the Aleo Network are called: Aleo credits, the final supply is 1 billion, and its distribution becomes

- 57% - Initial Investors
- 20% - Team
- 15% - public offering (temporary)
- 8% - Rewards: such as testnet, code contribution, etc.

The currency model of Aleo Network can be summarized as: halving in three years, and the output value after nine years will remain unchanged forever.

1-3 years, Mining reward = 100 + Gas
4-6 years, Mining reward = 50 + Gas
7-9 years, Mining reward = 25 + Gas
After 9 years, Mining reward = 12.5 + Gas

Genesis Supply	1B Aleo credits
Inflation Schedule	
Year 1-3	100 Aleo credits/block
Year 4-6	50 Aleo credits/block
Year 7-9	25 Aleo credits/block
In Perpetuity	12.5 Aleo credits/block

Usage

Block reward for miners

Required to pay transaction fees on the Aleo Network

The expected form of payment for provers on the Aleo Network

What you need to know about ALEO

Consensus Mechanism

POSW+POS.

Security & privacy computing, makes computing meaningful.

Computing power standard

PPS

Mining Equipment

The mining equipment in Phase 2 of the test network is mainly CPU. It is expected that after the mainnet goes online, GPU and FPGA will become the core mining equipment.

Mainnet launch time

Expect Q4

Block Efficiency

The block interval is 20S, which means 4,320 blocks/432,000 Aleo Credits can be produced in one day.

*Block interval may change before mainnet.

Mining income

Aleo uses computing power equipment to mine, and its mining revenue is proportional to the proportion of computing power in the entire network. Assuming that the computing power accounts for 10% of the entire network, you can get 10% of the mining rewards of the entire network.

Whether there is staking and lock-up

No, miners can cash out their Aleo Credits at any time

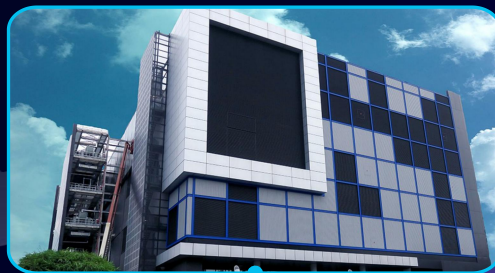
2. Cooperation Plan

Bloom's Data Centers

USA Flexential



SINGAPORE Digital Realty



HONGKONG Global Switch



BB-AMG60 Aleo Miner

- * Platform: 4124GS-TNR AMD Xiaolong two-way server host;
- * CPU: AMD 7302 16C/32T*2 3.0GHz~3.3GHz;
- * Memory: 32G*16 512G 3200MT/s RDIMM memory;
- * SSD: 480G*2 read-intensive enterprise-class 2.5-inch AG system disk;
- * SSD: PM1733 6.4TB*1 NVME PCIE interface;
- * GPU: Leadtek 3080Ti*8;
- * Network card: Mellanox 25G dual port;
- * Power: 3400w;
- * Length, width and height: 78*49*20 (CM);
- * Weight: 37KG;
- * Computing power: 60PPS.



Performance advantage: The algorithm is continuously optimized, and the current computing power of the same hardware continues to lead the industry level

Aleo mining machine cooperation plan

Mining Machine Model	Computing Power	Price/PPS	Total Price	Technology Fee	Investor	Computer Room Fee
BB-AMG01	1 PPS	1680 U	1680 U	20%	80%	12U/PPS/M
BB-AMG10	10 PPS	1600 U	16000 U	20%	80%	12U/PPS/M
BB-AMG60	60 PPS	1550 U	93000 U	20%	80%	12U/PPS/M

Product Description:

1. Enjoy 3 years warranty on the entire server.
2. The stocking period is 3 days.

Analysis Of Aleo Mining Profits

The agency predicts that the price of Aleo in the first year after its launch will be 20 USDT - 200 USDT.

Golden Finance predicts that the highest price of Aleo in the first year of launch is 288 USDT.

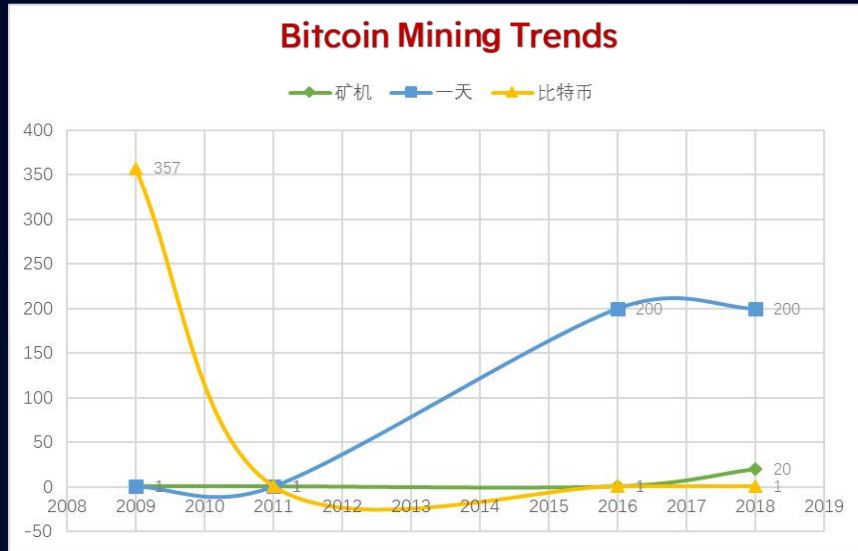
XT Exchange has listed Aleo futures at 49 USDT.

Taking the investment of 1 PPS=1,680 USDT as an example, the annualized income forecast of the mainnet launch is as follows:

1PPS can mine about 108 Aleos a year			Annualized rate of return
Aleo Price	30 USDT	3240 USDT	193%
	50 USDT	5400 USDT	321%
	70 USDT	7560 USDT	450%



If you have already missed **Bitcoin** mining, Do you still want to miss **Aleo** mining?



In 2009, 1 btc machine could mine 357 bitcoins in 1 day

In 2011, 1 btc machine could mine 1 bitcoin in 1 day

In 2016, 1 btc machine could mine 1 bitcoin in 200 days

In 2018, 20 btc machines could mine 1 bitcoin in 200 days

Invest in mining, Earlier is better

If you have already missed **Ethereum** mining, Do you still want to miss Aleo mining?



In 2017, the mining cost of ETH was about \$20

In 2018, the price of ETH hit \$1,400

In 2021, the price of ETH will reach \$4,800

Invest in mining, Earlier is better

Announcing Aleo Testnet 3

Phase 1

Developers

Phase 2

Provers

Phase 3

Validators

Join Testnet 3, Mine the head mine of the head mine

3. About Bloom Blockchain



About Bloom Blockchain

Bloom Blockchain DMCC is a company from China with 10 years of experience in crypto mining.

In the past 10 years, Bloom has only selected 4 crypto mining projects, including BTC, ETH, Filecoin and Aleo. In terms of project selection, Bloom is very Professional and discreet.

Bloom's Filecoin total nodes ranked third globally, and Aleo ranked third globally in the second test. Before, about 70% of the world's BTC mining machines and about 90% of the Filecoin mining machines were in China. In the crypto mining industry, China is definitely the world's first in terms of talent, software or hardware.

In 2021, Bloom began to turn its eyes to the world and registered the company "Bloom Blockchain DMCC" in Dubai, UAE.

Bloom mainly develops the software and hardware of mining machines, and sells mining machines and computing power to the world.

Bloom's data centers are currently located in Hong Kong, Singapore and the United States.

Business Scale

 Filecoin

TOP3

Filecoin overall
business scale

50M+

Digital
Assets

500PiB

Hardware
scale

10+

Large
Node

4000+

Business
Client

 Aleo

**Top3 in the world in
Aleo testnet2**

地址

aleo19ngnluy8qywl.sgr54edgnpny0hmnw5fxfcfyd7vzdgdwjjvv32u9q3pmtmw

名次

3

Filecoin Mainnet Scale

Node	Address Balance	Adjusted Power
f0134867	517,195.7742 FIL	60.60 PiB
f01135819	356,690.8566 FIL	53.64 PiB
f01688066	256,734.0914 FIL	35.75 PiB
f01482593	149,703.2679 FIL	24.85 PiB
f01594217	157,179.0893 FIL	23.80 PiB
f01756175	117,170.3026 FIL	17.00 PiB
f010038	102,545.6997 FIL	16.00 PiB
f0145060	335,218.8371 FIL	37.34 PiB
f0130639	111,391.4364 FIL	17.21 PiB

You can view it in the filecoin blockchain explorer
<https://filfox.info/en>

Aleo Testnet 2

All address ranking rewards:

address	Rankings reward
aleo19ngnluy8aywlsgr54edgnpnyOhmnw5fxfcfyd7vzgdgwjv32u9q3pmtmw	3 25 (5.098)
aleo1paOctcyettxqjgxt580dwd6v66taa8ptft314623cw6m89rdq8gr39foa	7 3.125
aleole5u2hl3gdnc830uysgjt5dke60vogr950n20u6hk2yx5940mvc8skzn7x7	23 3.125
aleo19rpj3z3afglr267q459357lg896n55s4ua6k4u70mfeq46ffsgpqa9nhd	28 3.125
aleo1hcve8jn8rl7meuqhwhjgt9cfq662kvh8lyymwpe2wzp5757ycu8q6us34s	32 3.125
aleolefmx4jmwwulznaOhyhnw9xvm02jjkawuojs2jj7hu7dmdzpw9sgqxf5ks	34 3.125
aleo1cw095hftruqnyjce8nq40hpwunn2nkmuqfmgedv722fhcdnygpqfe467s	35 3.125
aleo1t757s7wae3gefmaxqk83v6dy8jnx87830kjf5dpwqqhxx4hlgyqwfcukl	38 3.125
aleolpkkxg7waygvx7p2f2hx26z5g0z7x4na2r457m82a8jdvj8s5sczsq59ak97	39 3.125

Test net total reward: 300984 (8*31250+50984)

```
2022-08-05T10:01:24.092233Z INFO brf::prover: Total proofs: 2697 (1m: 14.85 p/s, 5m: --- p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:02:24.093662Z INFO brf::prover: Total proofs: 3603 (1m: 15.10 p/s, 5m: --- p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:03:24.094533Z INFO brf::prover: Total proofs: 4519 (1m: 15.26 p/s, 5m: 15.06 p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:04:24.095878Z INFO brf::prover: Total proofs: 5430 (1m: 15.18 p/s, 5m: 15.15 p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:05:24.096760Z INFO brf::prover: Total proofs: 6348 (1m: 15.30 p/s, 5m: 15.22 p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:06:24.097930Z INFO brf::prover: Total proofs: 7261 (1m: 15.22 p/s, 5m: 15.22 p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:07:24.099441Z INFO brf::prover: Total proofs: 8173 (1m: 15.21 p/s, 5m: 15.23 p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
2022-08-05T10:08:24.100471Z INFO brf::prover: Total proofs: 9089 (1m: 15.26 p/s, 5m: 15.23 p/s, 15m: --- p/s, 30m: --- p/s, 60m: --- p/s)
```

Bloom's Partners



Blockchain Circles

- M** **Mining Circle**
Top circle, Real estate in blockchain
-  **Exchange Circle**
High operating costs
-  **Chain Circle**
High skills required
-  **Coin Circle**
The price of buying coins on exchanges is generally higher than the cost of mining
-  **Plate Circle**
Cannot continue, Is the project you heard last year still there?



**Web3.0 is the real revolution;
Web 3 is a multi-trillion dollar market;
Aleo will be the best Web3.0 platform**

Thanks

Do you have any questions?

Telegram:
[@bloomblockchain](https://t.me/bloomblockchain)



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