



CRYPTIONARY

**NCRYPTDs Guide
& Reference to
Cryptocurrency**

CRYPTIONARY

NCRYPTDs Guide and Reference to

Written by Justin Tart

NCRYPTD

Copyright © 2025

Published by NCRYPTD

All Rights Reserved. No part of this book may be reproduced in any form or by any means without written permission from the publisher.

Printed in the United States of America

NCRYPTD

Youtube, Social Media and Links

Twitter: <https://x.com/NCRYPTDAPP>

Youtube: <https://www.youtube.com/@ncryptd2206>

Github: <https://justintart.github.io/justintart/>

Steemit: <https://steemit.com/@ncryptd>

Odysee: <https://odysee.com/@NCRYPTD:1>

Contents

Introduction	1
Bitcoin Whitepaper	2
Bitcoin The King of All Crypto	11
Bitcoin vs. Altcoins	12
Bitcoin Dominance	13
Bitcoin Halving	14
Bitcoin Halving Chart	15
The Power of Crypto	16
The Case for Crypto	17
The Future of Finance	18
Rules & Principles of Mining and Storing Crypto	19
Coins vs Tokens	20
CEX vs DEX	21
Withdrawal Fees and Minimum Deposit	22
Order Book	23
Algorithm List	25
Crypto Definitions Directory	27
Mineable Coins Directory	127
Mobile Mining	228
Resource List	229
Crypto Apps	235
Definitions and Terms	238
Seed word Templates	245

Introduction

Welcome to the Cryptionary, NCRYPTDs Guide and Reference to Cryptocurrency

Cryptionary will help the average person get familiar with crypto. Using this guide will help people learn the basics of blockchain, learn the ins and outs of the crypto markets and resources. When navigating crypto the sheer number of information resources can be overwhelming and lead to more questions than answers. This book is simple and guided. Each step in the book moves into another depth of crypto.

This book will teach you about cryptocurrency principles, ethics, practices, coins, tokens, mining, exchanges and more. From learning to purchase your first cryptocurrency, mining your first coin, becoming familiar with the terms and names of coins/tokens. The information in this book is also a strong support for safe exploration of crypto and it's assets. Always reference this book when browsing the internet to make sure you are on a legitimate website, app or dapp. This book will help guide the average person, retail investors, mining ventures, computer hardware enthusiasts and capital investors with the basic knowledge and enough information to start their journey into the world of crypto.

Bitcoin: A Peer-to-Peer Electronic Cash System

Satoshi Nakamoto
satoshin@gmx.com
www.bitcoin.org

Abstract. A purely peer-to-peer version of electronic cash would allow online payments to be sent directly from one party to another without going through a financial institution. Digital signatures provide part of the solution, but the main benefits are lost if a trusted third party is still required to prevent double-spending. We propose a solution to the double-spending problem using a peer-to-peer network. The network timestamps transactions by hashing them into an ongoing chain of hash-based proof-of-work, forming a record that cannot be changed without redoing the proof-of-work. The longest chain not only serves as proof of the sequence of events witnessed, but proof that it came from the largest pool of CPU power. As long as a majority of CPU power is controlled by nodes that are not cooperating to attack the network, they'll generate the longest chain and outpace attackers. The network itself requires minimal structure. Messages are broadcast on a best effort basis, and nodes can leave and rejoin the network at will, accepting the longest proof-of-work chain as proof of what happened while they were gone.

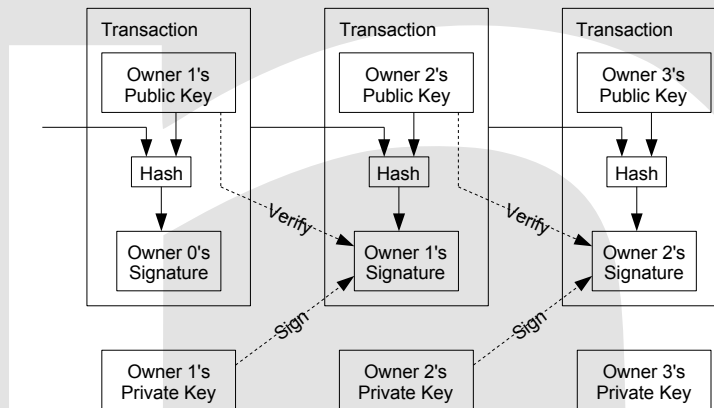
1. Introduction

Commerce on the Internet has come to rely almost exclusively on financial institutions serving as trusted third parties to process electronic payments. While the system works well enough for most transactions, it still suffers from the inherent weaknesses of the trust based model. Completely non-reversible transactions are not really possible, since financial institutions cannot avoid mediating disputes. The cost of mediation increases transaction costs, limiting the minimum practical transaction size and cutting off the possibility for small casual transactions, and there is a broader cost in the loss of ability to make non-reversible payments for non-reversible services. With the possibility of reversal, the need for trust spreads. Merchants must be wary of their customers, hassling them for more information than they would otherwise need. A certain percentage of fraud is accepted as unavoidable. These costs and payment uncertainties can be avoided in person by using physical currency, but no mechanism exists to make payments over a communications channel without a trusted party.

What is needed is an electronic payment system based on cryptographic proof instead of trust, allowing any two willing parties to transact directly with each other without the need for a trusted third party. Transactions that are computationally impractical to reverse would protect sellers from fraud, and routine escrow mechanisms could easily be implemented to protect buyers. In this paper, we propose a solution to the double-spending problem using a peer-to-peer distributed timestamp server to generate computational proof of the chronological order of transactions. The system is secure as long as honest nodes collectively control more CPU power than any cooperating group of attacker nodes.

2. Transactions

We define an electronic coin as a chain of digital signatures. Each owner transfers the coin to the next by digitally signing a hash of the previous transaction and the public key of the next owner and adding these to the end of the coin. A payee can verify the signatures to verify the chain of ownership.

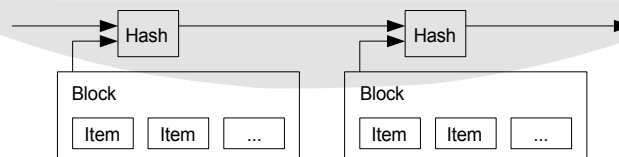


The problem of course is the payee can't verify that one of the owners did not double-spend the coin. A common solution is to introduce a trusted central authority, or mint, that checks every transaction for double spending. After each transaction, the coin must be returned to the mint to issue a new coin, and only coins issued directly from the mint are trusted not to be double-spent. The problem with this solution is that the fate of the entire money system depends on the company running the mint, with every transaction having to go through them, just like a bank.

We need a way for the payee to know that the previous owners did not sign any earlier transactions. For our purposes, the earliest transaction is the one that counts, so we don't care about later attempts to double-spend. The only way to confirm the absence of a transaction is to be aware of all transactions. In the mint based model, the mint was aware of all transactions and decided which arrived first. To accomplish this without a trusted party, transactions must be publicly announced [1], and we need a system for participants to agree on a single history of the order in which they were received. The payee needs proof that at the time of each transaction, the majority of nodes agreed it was the first received.

3. Timestamp Server

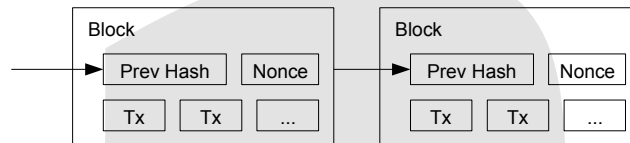
The solution we propose begins with a timestamp server. A timestamp server works by taking a hash of a block of items to be timestamped and widely publishing the hash, such as in a newspaper or Usenet post [2-5]. The timestamp proves that the data must have existed at the time, obviously, in order to get into the hash. Each timestamp includes the previous timestamp in its hash, forming a chain, with each additional timestamp reinforcing the ones before it.



4. Proof-of-Work

To implement a distributed timestamp server on a peer-to-peer basis, we will need to use a proof-of-work system similar to Adam Back's Hashcash [6], rather than newspaper or Usenet posts. The proof-of-work involves scanning for a value that when hashed, such as with SHA-256, the hash begins with a number of zero bits. The average work required is exponential in the number of zero bits required and can be verified by executing a single hash.

For our timestamp network, we implement the proof-of-work by incrementing a nonce in the block until a value is found that gives the block's hash the required zero bits. Once the CPU effort has been expended to make it satisfy the proof-of-work, the block cannot be changed without redoing the work. As later blocks are chained after it, the work to change the block would include redoing all the blocks after it.



The proof-of-work also solves the problem of determining representation in majority decision making. If the majority were based on one-IP-address-one-vote, it could be subverted by anyone able to allocate many IPs. Proof-of-work is essentially one-CPU-one-vote. The majority decision is represented by the longest chain, which has the greatest proof-of-work effort invested in it. If a majority of CPU power is controlled by honest nodes, the honest chain will grow the fastest and outpace any competing chains. To modify a past block, an attacker would have to redo the proof-of-work of the block and all blocks after it and then catch up with and surpass the work of the honest nodes. We will show later that the probability of a slower attacker catching up diminishes exponentially as subsequent blocks are added.

To compensate for increasing hardware speed and varying interest in running nodes over time, the proof-of-work difficulty is determined by a moving average targeting an average number of blocks per hour. If they're generated too fast, the difficulty increases.

5. Network

The steps to run the network are as follows:

- 1) New transactions are broadcast to all nodes.
- 2) Each node collects new transactions into a block.
- 3) Each node works on finding a difficult proof-of-work for its block.
- 4) When a node finds a proof-of-work, it broadcasts the block to all nodes.
- 5) Nodes accept the block only if all transactions in it are valid and not already spent.
- 6) Nodes express their acceptance of the block by working on creating the next block in the chain, using the hash of the accepted block as the previous hash.

Nodes always consider the longest chain to be the correct one and will keep working on extending it. If two nodes broadcast different versions of the next block simultaneously, some nodes may receive one or the other first. In that case, they work on the first one they received, but save the other branch in case it becomes longer. The tie will be broken when the next proof-of-work is found and one branch becomes longer; the nodes that were working on the other branch will then switch to the longer one.

New transaction broadcasts do not necessarily need to reach all nodes. As long as they reach many nodes, they will get into a block before long. Block broadcasts are also tolerant of dropped messages. If a node does not receive a block, it will request it when it receives the next block and realizes it missed one.

6. Incentive

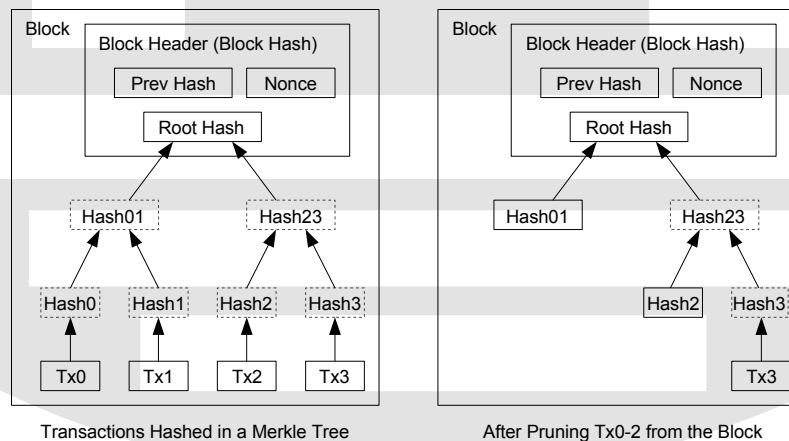
By convention, the first transaction in a block is a special transaction that starts a new coin owned by the creator of the block. This adds an incentive for nodes to support the network, and provides a way to initially distribute coins into circulation, since there is no central authority to issue them. The steady addition of a constant amount of new coins is analogous to gold miners expending resources to add gold to circulation. In our case, it is CPU time and electricity that is expended.

The incentive can also be funded with transaction fees. If the output value of a transaction is less than its input value, the difference is a transaction fee that is added to the incentive value of the block containing the transaction. Once a predetermined number of coins have entered circulation, the incentive can transition entirely to transaction fees and be completely inflation free.

The incentive may help encourage nodes to stay honest. If a greedy attacker is able to assemble more CPU power than all the honest nodes, he would have to choose between using it to defraud people by stealing back his payments, or using it to generate new coins. He ought to find it more profitable to play by the rules, such rules that favour him with more new coins than everyone else combined, than to undermine the system and the validity of his own wealth.

7. Reclaiming Disk Space

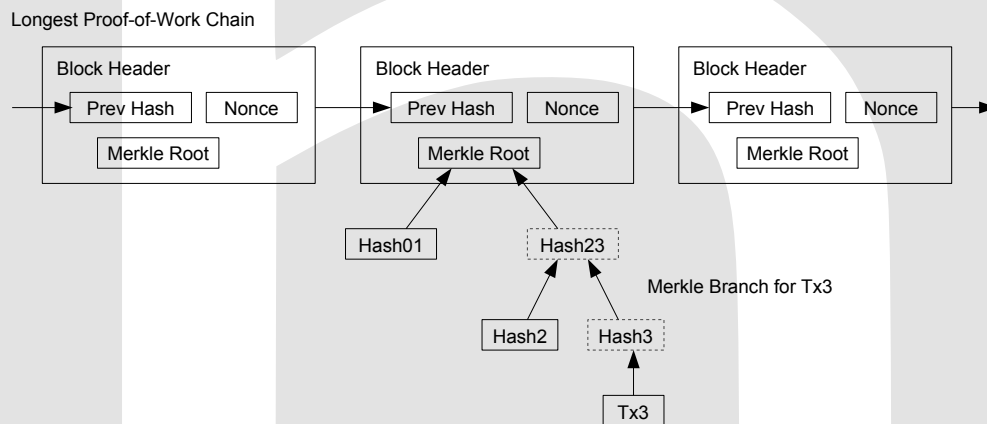
Once the latest transaction in a coin is buried under enough blocks, the spent transactions before it can be discarded to save disk space. To facilitate this without breaking the block's hash, transactions are hashed in a Merkle Tree [7][2][5], with only the root included in the block's hash. Old blocks can then be compacted by stubbing off branches of the tree. The interior hashes do not need to be stored.



A block header with no transactions would be about 80 bytes. If we suppose blocks are generated every 10 minutes, $80 \text{ bytes} * 6 * 24 * 365 = 4.2\text{MB}$ per year. With computer systems typically selling with 2GB of RAM as of 2008, and Moore's Law predicting current growth of 1.2GB per year, storage should not be a problem even if the block headers must be kept in memory.

8. Simplified Payment Verification

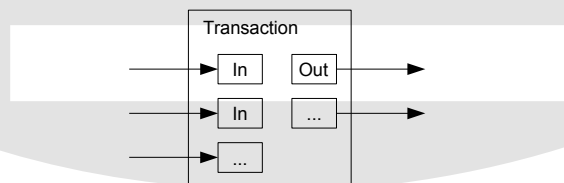
It is possible to verify payments without running a full network node. A user only needs to keep a copy of the block headers of the longest proof-of-work chain, which he can get by querying network nodes until he's convinced he has the longest chain, and obtain the Merkle branch linking the transaction to the block it's timestamped in. He can't check the transaction for himself, but by linking it to a place in the chain, he can see that a network node has accepted it, and blocks added after it further confirm the network has accepted it.



As such, the verification is reliable as long as honest nodes control the network, but is more vulnerable if the network is overpowered by an attacker. While network nodes can verify transactions for themselves, the simplified method can be fooled by an attacker's fabricated transactions for as long as the attacker can continue to overpower the network. One strategy to protect against this would be to accept alerts from network nodes when they detect an invalid block, prompting the user's software to download the full block and alerted transactions to confirm the inconsistency. Businesses that receive frequent payments will probably still want to run their own nodes for more independent security and quicker verification.

9. Combining and Splitting Value

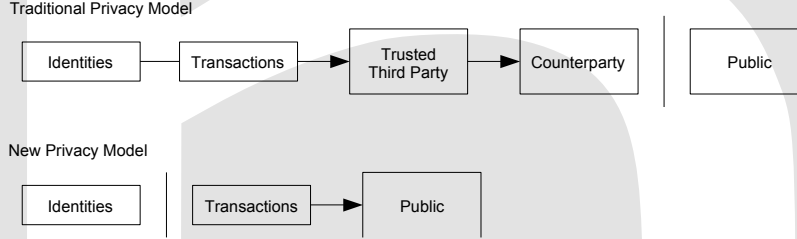
Although it would be possible to handle coins individually, it would be unwieldy to make a separate transaction for every cent in a transfer. To allow value to be split and combined, transactions contain multiple inputs and outputs. Normally there will be either a single input from a larger previous transaction or multiple inputs combining smaller amounts, and at most two outputs: one for the payment, and one returning the change, if any, back to the sender.



It should be noted that fan-out, where a transaction depends on several transactions, and those transactions depend on many more, is not a problem here. There is never the need to extract a complete standalone copy of a transaction's history.

10. Privacy

The traditional banking model achieves a level of privacy by limiting access to information to the parties involved and the trusted third party. The necessity to announce all transactions publicly precludes this method, but privacy can still be maintained by breaking the flow of information in another place: by keeping public keys anonymous. The public can see that someone is sending an amount to someone else, but without information linking the transaction to anyone. This is similar to the level of information released by stock exchanges, where the time and size of individual trades, the "tape", is made public, but without telling who the parties were.



As an additional firewall, a new key pair should be used for each transaction to keep them from being linked to a common owner. Some linking is still unavoidable with multi-input transactions, which necessarily reveal that their inputs were owned by the same owner. The risk is that if the owner of a key is revealed, linking could reveal other transactions that belonged to the same owner.

11. Calculations

We consider the scenario of an attacker trying to generate an alternate chain faster than the honest chain. Even if this is accomplished, it does not throw the system open to arbitrary changes, such as creating value out of thin air or taking money that never belonged to the attacker. Nodes are not going to accept an invalid transaction as payment, and honest nodes will never accept a block containing them. An attacker can only try to change one of his own transactions to take back money he recently spent.

The race between the honest chain and an attacker chain can be characterized as a Binomial Random Walk. The success event is the honest chain being extended by one block, increasing its lead by +1, and the failure event is the attacker's chain being extended by one block, reducing the gap by -1.

The probability of an attacker catching up from a given deficit is analogous to a Gambler's Ruin problem. Suppose a gambler with unlimited credit starts at a deficit and plays potentially an infinite number of trials to try to reach breakeven. We can calculate the probability he ever reaches breakeven, or that an attacker ever catches up with the honest chain, as follows [8]:

p = probability an honest node finds the next block
 q = probability the attacker finds the next block
 q_z = probability the attacker will ever catch up from z blocks behind

$$q_z = \begin{cases} 1 & \text{if } p \leq q \\ (q/p)^z & \text{if } p > q \end{cases}$$

Given our assumption that $p > q$, the probability drops exponentially as the number of blocks the attacker has to catch up with increases. With the odds against him, if he doesn't make a lucky lunge forward early on, his chances become vanishingly small as he falls further behind.

We now consider how long the recipient of a new transaction needs to wait before being sufficiently certain the sender can't change the transaction. We assume the sender is an attacker who wants to make the recipient believe he paid him for a while, then switch it to pay back to himself after some time has passed. The receiver will be alerted when that happens, but the sender hopes it will be too late.

The receiver generates a new key pair and gives the public key to the sender shortly before signing. This prevents the sender from preparing a chain of blocks ahead of time by working on it continuously until he is lucky enough to get far enough ahead, then executing the transaction at that moment. Once the transaction is sent, the dishonest sender starts working in secret on a parallel chain containing an alternate version of his transaction.

The recipient waits until the transaction has been added to a block and z blocks have been linked after it. He doesn't know the exact amount of progress the attacker has made, but assuming the honest blocks took the average expected time per block, the attacker's potential progress will be a Poisson distribution with expected value:

$$\lambda = z \frac{q}{p}$$

To get the probability the attacker could still catch up now, we multiply the Poisson density for each amount of progress he could have made by the probability he could catch up from that point:

$$\sum_{k=0}^{\infty} \frac{\lambda^k e^{-\lambda}}{k!} \cdot \begin{cases} (q/p)^{(z-k)} & \text{if } k \leq z \\ 1 & \text{if } k > z \end{cases}$$

Rearranging to avoid summing the infinite tail of the distribution...

$$1 - \sum_{k=0}^z \frac{\lambda^k e^{-\lambda}}{k!} (1 - (q/p)^{(z-k)})$$

Converting to C code...

```
#include <math.h>
double AttackerSuccessProbability(double q, int z)
{
    double p = 1.0 - q;
    double lambda = z * (q / p);
    double sum = 1.0;
    int i, k;
    for (k = 0; k <= z; k++)
    {
        double poisson = exp(-lambda);
        for (i = 1; i <= k; i++)
            poisson *= lambda / i;
        sum -= poisson * (1 - pow(q / p, z - k));
    }
    return sum;
}
```

Running some results, we can see the probability drop off exponentially with z .

```
q=0.1
z=0    P=1.0000000
z=1    P=0.2045873
z=2    P=0.0509779
z=3    P=0.0131722
z=4    P=0.0034552
z=5    P=0.0009137
z=6    P=0.0002428
z=7    P=0.0000647
z=8    P=0.0000173
z=9    P=0.0000046
z=10   P=0.0000012
```

```
q=0.3
z=0    P=1.0000000
z=5    P=0.1773523
z=10   P=0.0416605
z=15   P=0.0101008
z=20   P=0.0024804
z=25   P=0.0006132
z=30   P=0.0001522
z=35   P=0.0000379
z=40   P=0.0000095
z=45   P=0.0000024
z=50   P=0.0000006
```

Solving for P less than 0.1%...

```
P < 0.001
q=0.10  z=5
q=0.15  z=8
q=0.20  z=11
q=0.25  z=15
q=0.30  z=24
q=0.35  z=41
q=0.40  z=89
q=0.45  z=340
```

12. Conclusion

We have proposed a system for electronic transactions without relying on trust. We started with the usual framework of coins made from digital signatures, which provides strong control of ownership, but is incomplete without a way to prevent double-spending. To solve this, we proposed a peer-to-peer network using proof-of-work to record a public history of transactions that quickly becomes computationally impractical for an attacker to change if honest nodes control a majority of CPU power. The network is robust in its unstructured simplicity. Nodes work all at once with little coordination. They do not need to be identified, since messages are not routed to any particular place and only need to be delivered on a best effort basis. Nodes can leave and rejoin the network at will, accepting the proof-of-work chain as proof of what happened while they were gone. They vote with their CPU power, expressing their acceptance of valid blocks by working on extending them and rejecting invalid blocks by refusing to work on them. Any needed rules and incentives can be enforced with this consensus mechanism.

References

- [1] W. Dai, "b-money," <http://www.weidai.com/bmoney.txt>, 1998.
- [2] H. Massias, X.S. Avila, and J.-J. Quisquater, "Design of a secure timestamping service with minimal trust requirements," In *20th Symposium on Information Theory in the Benelux*, May 1999.
- [3] S. Haber, W.S. Stornetta, "How to time-stamp a digital document," In *Journal of Cryptology*, vol 3, no 2, pages 99-111, 1991.
- [4] D. Bayer, S. Haber, W.S. Stornetta, "Improving the efficiency and reliability of digital time-stamping," In *Sequences II: Methods in Communication, Security and Computer Science*, pages 329-334, 1993.
- [5] S. Haber, W.S. Stornetta, "Secure names for bit-strings," In *Proceedings of the 4th ACM Conference on Computer and Communications Security*, pages 28-35, April 1997.
- [6] A. Back, "Hashcash - a denial of service counter-measure," <http://www.hashcash.org/papers/hashcash.pdf>, 2002.
- [7] R.C. Merkle, "Protocols for public key cryptosystems," In *Proc. 1980 Symposium on Security and Privacy*, IEEE Computer Society, pages 122-133, April 1980.
- [8] W. Feller, "An introduction to probability theory and its applications," 1957.

Bitcoin – The King of All Crypto

Bitcoin is the first of its kind and the King of All Crypto. The chance of another crypto taking the throne from Bitcoin is slim to none.

There are many reasons why Bitcoin will never lose its crown. One reason is the size of the Bitcoin Network and its hash rate. The closest network to Bitcoin in terms of hash rate is 1000x smaller than Bitcoin.

Bitcoin mining has become an industry and it's no longer a casual hobby for computer or financial enthusiasts. Bitcoin mining is dominated by hardware typically referred to as ASIC miners or ASICs. ASIC stands for Application Specific Integrated Circuit. These silicon chips are designed to just mine Bitcoin. Miners are located all the way around the world and have huge operations using massive arrays of ASIC miners. These warehouses and setups dominate the space but there are plenty of smaller desktop/home miners that are very efficient and are great for the average Bitcoin enthusiast.

Bitcoin will remain the King of All Crypto, so long as the Network and its Wallets can remain secure. Currently, the Network and the wallets are incredibly secure.

Bitcoin vs Altcoins

In the cryptocurrency market you have Bitcoin and you have Altcoins and Tokens. These secondary markets are exactly that. Bitcoin is the leader when it comes to crypto and the market agrees. Past market data has proven that most assets in the cryptocurrency market lose most of their value compared to Bitcoin. Also, Bitcoin is one of the only assets that continue to grow after each cycle.

There are many Altcoin and alternative tokens to choose from. Many of these coins or tokens have different functions than Bitcoin's. Many coins/tokens are part of a larger ecosystem that offers more than just token exchange, such as a VPN or Data Storage. Some tokens are just governance tokens that allow individuals to cast their vote on specific improvement protocols, change features and more.

Almost every coin/token compared to Bitcoin will lose a significant amount of value after the halving and the proceeding bull market starts to slow down and prices begin to drop again.

Bitcoin Dominance

Bitcoin has more than half of the entire marketshare in the cryptocurrency market. Bitcoin makes up over 50%, so to put that in perspective imagine a stock that is worth over 50% of the entire US stock market. Because of Bitcoin's dominance in the market it clearly shows where all the big money goes. Bitcoin is the only asset as of to date that has had over a Trillion dollar market capitalization. The importance of BTC Dominance cannot be overstated, this is why there is Bitcoin and Altcoins and this is another reason why Bitcoin is the king of all crypto. As companies and countries start to invest, buy and adopt Bitcoin. This only strengthens the case for Bitcoin and the future of finance as a whole. Bitcoin is the beginning of a future financial revolution that has the potential to completely change the way average citizens engage in commerce and financial contracts.

BITCOIN HALVING

The Bitcoin halving is a very simple principle and is foundational for Bitcoin. Every 210,000 blocks there is a halving. Blocks occur every 10 minutes on average so roughly every 4 years the block reward is reduced by half.

2009 – Bitcoin genesis block was created and Bitcoin mining began. 50 BTC reward.

2012 – The second halving occurred, reducing the block reward from 50 to 25

2016 – The third halving occurred, reducing the block reward from 25 to 12.5

2020 – The fourth halving occurred, reducing the block reward from 12.5 to 6.25

2024 – The fifth halving occurred, reducing the block reward from 6.25 to 3.125 and so on the halving will continue.

BITCOIN HALVING

50 Block Reward - 2012
25 Block Reward - 2016
12.5 Block Reward - 2020
6.25 Block Reward - 2024
3.125 Block Reward - 2028
1.5625 Block Reward - 2032
0.78125 Block Reward – 2036
0.390625 Block Reward - 2040
0.1953125 Block Reward – 2044

Still Another 100 Years To Go

0.09765625 Block Reward – 2048
0.048828125 Block Reward – 2052
0.0244140625 Block Reward - 2056
0.01220703125 Block Reward – 2060
0.006103515625 Block Reward – 2064
0.0030517578125 Block Reward – 2068
0.00152587890625 Block Reward – 2072

The Power of Crypto

Unless you have been living under a rock you at least have heard of Bitcoin. The financial revolution is here and it's bigger than we could have imagined.

Bitcoin is more than just digital money it's a financial evolution. For centuries humans have been using gold, silver, paper money and many other methods of exchange and barter. Digital or programmable money allows for the average people to engage the chain with no restrictions and no entry bar. Bitcoin and Digital Assets have reintroduced and important and foundational element of healthy finances, collateralize loans. With digital assets you can create a wallet which is basically a bank account. The cost of maintaining the entire network is supported by the ecosystem and miners. Anyone can have access to these services as long as they have the internet, and this will allow anyone to have access to global commerce. Anyone can send or receive these assets either in person or over the internet. It's as simple as using any modern financial technologies available today but you have total control over your finances. You also are 100% responsible for your finances. If you loose your wallet, seed words or even just send the asset to the wrong wallet there is no customer service or company that can help you.

The Case for Crypto

Crypto has the power to change the world. This could allow us to not be ruled by the power of the bankers or other institutions that rule our lives. Crypto gives us the power to take financial control of our lives.

As the world becomes more digitized and banks are more entangled in people's every day lives, everything started to change more rapidly. Almost every financial decision you make today is based on your credit score and financial records. When you go to buy a car, house, car insurance rates or even something less significant you always have credit and a credit approval process.

With crypto and digital assets there is no credit score or approval. These are contracts that execute based on code. If you meet the requirements of the contract, then you can pay a network fee and execute the contract. To think people live their lives around their credit score, they make life decisions based on their credit score, and their lifestyle is based on their credit score. This can't be healthy for our mental states or society as a whole. Crypto and digital assets also bring personal responsibility into account when having an account. Every decision is your responsibility.

The Future of Finance

It's hard to believe but Bitcoin has been around since 2009. Bitcoin is 15 years old now and I believe it should be taken more seriously. Bitcoin has the potential to be the future of finance for the next 100 years.

With the advancement of computers and programming came a new wave of innovation and human inspiration. Almost everything was being reinvented in the digital world and eventually even finances were rewritten with new rules. Rules that allowed everyone access to the network with no discretion, financial or otherwise.

As Bitcoin rose so did many other chains. I very well known crypto is Ethereum. Ethereum created the roads in which the DeFi sector of programmers could create their new digital revolution. It doesn't matter if the bankers believe in Bitcoin or Ethereum, because programmers have moved into developing for open source and open networks where their contracts can be an asset to them.

The open source nature of crypto is it's greatest feature. This not only paves the way for adoption but leaves room for innovation and creative minds to work together instead of against each other.

Basic Crypto Rules and Principles for Storing and Mining Cryptocurrency

The most fundamental rule in cryptocurrency is “Not Your Keys, Not Your Crypto”. This refers to your method of storing and securing your assets. If you create your own wallet you’ll need to safely store your seed words or private keys in order to always have access to your funds in case your access to your current available wallet is not an option, whether your computer is having issues, ect. This leads to the second rule for storage which is understanding the difference between a hot wallet and a cold wallet. It’s very simple. Does the wallet have constant access to the internet and is it connected to the network? If you answered yes to both those questions you have a hot wallet, if you answered no to both of those questions you have a cold wallet. A cold wallet is considered the safest because there is not way to move the asset without restoring a wallet first.

Miners have one fundamental principle to follow and it’s ethics. As long as you are mining ethically then you are following the golden rule. The most important part in helping the network and not allowing for non-ethical miners to 51% attack a chain is to follow the basic rule of decentralizing the hashrate. If one pool has a majority of the hashrate it’s important to mine on another pool. Most of the time people believe that solving more blocks would be more profitable. They will mine in whatever pool is solving the most blocks, but rewards are based on block shares. Rewards can be even more profitable mining in lower hashrate pools.

Coins vs Tokens

This topic is very important and can help you understand why so many people invest in worthless assets like random memetokens. The tokens call themselves coins. Dogecoin is a real coin and the original memecoin.

The difference between a coin and a token is very simple. A coin refers to an asset that runs on it's own chain. Dogecoin is it's own network, where as a token such as Chainlink, ticker LINK is an Ethereum token. A contract was created on Ethereum that utilized their ERC-20 token creation and then created the token on the Ethereum chain. Tokens live and function on Ethereum and you even have to pay Ethereum as a gas fee in order to transfer these tokens. With a coin you only have to pay the network in the coin itself.

If you want to move your LINK into another wallet you must have ETH in the sending wallet in order to cover the ETH gas fee to transfer your LINK. Compared to Dogecoin, you pay DOGE to send DOGE. This is important to understand in topics of discussion like memecoins. Coins are truly fundamental because they function on proof of work. Tokens are a mixed bag, some tokens have amazing ecosystems and functionality and some are literally just a token with a name, a ticker and a logo. Every network with smart contracts will have their own token too, which makes the ecosystem of token memes diluted vs coins.

CEX vs DEX

The differences between a Centralized Exchange vs a Decentralized Exchange.

Coinbase is a great starter platform in crypto.

Coinbase has become the traditional platform for starting your journey into crypto. It's the most recognized CEX on the market today in terms of adoption and users. Most people start on platforms like Coinbase, Crypto.com, Binance or other major centralized exchanges. Even if you wanted to use a decentralized exchange, you would need some other asset such as ETH or SOL in order to use it. Which means these CEX are vital for crypto adoption.

Uniswap is the traditional example of a DEX or decentralized exchange. These exchanges are powered by the network they were built for, as an example Uniswap on ETH, or Sunswap on TRX. So, when using these decentralized exchanges you have to have the native network coin in order to cover fees. Swaps as they are called range in cost depending on the amount of transactions occurring on the chain at that moment and it also depends on how fast you want/need the transaction to be executed.

Withdrawal Fees and Minimum Deposit

Understanding Withdrawal Fees and Minimum Deposits is important in order to not lose assets and is essential for navigating and using different exchanges in the cryptocurrency ecosystem.

There are some platforms that do not charge you to withdraw your assets, but most exchanges do. It's critical to understand both withdrawal fees and minimum deposits before choosing and using a specific exchange. Some withdrawal fees are high on some platforms and low on others. So, before just signing up and buying assets on an exchange make sure to check their fees first. Coinbase does not charge you to withdraw assets, but a network fee always applies to any transaction that is executed on the chain.

Minimum deposit is just as important to understand for users and miners. Miners should always make sure that the pool and exchange both support mining deposits, as some chains and exchanges will require you to mine directly into a wallet first before depositing. When buying and selling coins/tokens always keep all these factors in mind. This can help avoid getting liquidity stuck somewhere.

Order Book

Understanding the Order Book and Liquidity are important to evaluating the current market conditions, possible changes to the market and market sentiment.

When you are buying Bitcoin or any other coin, the price is only part of the equation and total available supply is huge. Most of the time for small positions the price is fairly accurate but for larger purchases the price can seem inaccurate. While looking at the order book you much see how much liquidity is available. Let's say the price of Monero is \$200 and I wanted 100 Monero, there is a chance that if I wanted to buy 100 Monero that there isn't that many available at that price. What happens most of the time while buying an asset you have to compare the available liquidity and total amount to to purchase. If you are buying more than what is available at the current price, your average price will go up because you are buying up the available supply, which in turn is moving the price, and vice versa if someone was to sell their Monero on the market. Make sure there is enough available coin or purchase your assets more strategically by allowing more coin to become available on the market and make multiple purchases but at lower quantities and over a longer period.

ALGO AND HARDWARE LIST

Algorithm

Allium
Bmw512
Cpupower
Cryptonight_gpu
Cryptonight_upx
Curvehash
Equihash
Equihash125
Equihash144
Equihash192
Ethash
Ethashb3
Evrprogpow
Firopow
Flex
Ghostrider
Groestl
Heavyhash
Hoohash
Karlsenhashv2
Kawpow
Keccakc
Kheavyhash
Lbry
Lyra2v2
Lyra2z
Megabtx
Meowpow
Meraki
Mike
Minotaurx
Myr-gr
Neoscrypt
Neoscrypt-xaya
Panthera
Phihash

Hardware

GPU FPGA
GPU ASIC FPGA
CPU
CPU GPU
CPU GPU
CPU GPU
GPU ASIC
GPU FPGA
GPU FPGA
GPU FPGA
GPU
GPU
CPU GPU
GPU
CPU GPU
CPU
ASIC FPGA
GPU FPGA
GPU
GPU
GPU
GPU
GPU FPGA
ASIC
ASIC FPGA
ASIC FPGA
GPU
GPU
GPU
CPU
CPU
ASIC
GPU FPGA
CPU
CPU
GPU

ALGO AND HARDWARE LIST

Algorithm

Power2b
Progpowz
Quark
Qubit
RandomARQ
RandomXEQ
Randomx
Scrypt
Scryptn2
Sha256
Sha256csm
Sha256dt
Sha512256d
Sib
Skein
Skydoge
Verthash
Verushash
Whirlpool
X11
X13
X16rt
X16rv2
X21s
X25x
Xeliv2-pepew
Yescrypt
YescryptR16
YescryptR8
Yespowers
YespowersLTNCG
YespowersMGPC
YespowersR16
YespowersSUGAR
YespowersTIDE
YespowersURX

Hardware

CPU
GPU
ASIC
ASIC
CPU GPU
CPU GPU
CPU GPU
ASIC
CPU
ASIC
GPU
GPU
GPU
ASIC
ASIC FPGA
CPU GPU
GPU
CPU GPU FPGA
CPU GPU
ASIC
ASIC
GPU GPGA
GPU
GPU
GPU
CPU
CPU GPU
CPU GPU
CPU
CPU
CPU
CPU
CPU
CPU
CPU

CRYPTO DEFINITIONS DIRECTORY

1Inch
Aave
Aleo
Algorand
Amp
Apecoin
ApeNFT
Arweave
Avalanche
Axie Infinity
Band Protocol
Basic Attention Token
Bitcoin Cash
Bitcoin SV
Bitcoin
Bittorrent
BNB
Cardano
ChainLink
Chia
Chiliz
Compound
Cosmos Hub
Cronos
Curve DAO
Dash
Decred
Digibyte
Dogecoin
ECash
Ethereum Classic
Ethereum
Flare
Flux
Harmony
Hedera
Holo
IOTA
Jasmy Coin
Just
Kadena
Kaspa
Kava
Kucoin
Kusama
Litecoin
Loopring
Mimble Wimble Coin

Mogcoin
Monero
MX
Near
NEM
NEO
Nexo
Ontology
Onyxcoin
Optimism
Osmosis
Pancake Swap
Pepe
Pi Network
Polkadot
Polygon
Presearch
Ravencoin
Render
Shiba Inu
Solana
Stellar
SUI
Sun Token
Sushi
Synthetix Network
Tezos
The Graft
Theta Network
Toncoin
Toshi
Tron
Trust Wallet
Uniswap
USD Tether
USD Coin
VeChain
Verge
Verus
Wax
WBTC
XRP
XYO Network
Zcash
ZetaChain
Zilliqa
ZKSync



1INCH

Ticker:	1INCH
Token:	Ethereum
Supply:	1.5 Billion
Decimal:	8

Official Website: <https://1inch.io/>

Blog: <https://blog.1inch.io/>

Github: <https://github.com/1inch>

WP: <https://1inch.io/assets/1inch-security-white-paper.pdf>

1inch is dedicated to advancing a secure and compliant DeFi ecosystem. By uniting with forefront security and compliance specialists, we set the standard for safety and compliance, ensuring our users navigate the DeFi space with confidence.

1inch Security combines tools and technologies that 1inch has tested over the years. Many of them have been bundled into a SaaS offering called 1inch Shield API, available through the 1inch Developer Portal [<https://1inch.dev/>], to create a defensible line against bad actors in the decentralized finance (DeFi) space.



AAVE

Ticker:	AAVE
Token:	Ethereum
Supply:	16 Million
Decimal:	8

Official Website: <https://aave.com/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=2090735.0>

Github: <https://github.com/aave>

White Paper: <https://aave.com/docs>

Aave is a decentralised non-custodial liquidity protocol where users can participate as suppliers or borrowers. Suppliers provide liquidity to the market while earning interest, and borrowers can access liquidity by providing collateral that exceeds the borrowed amount. A liquidity protocol is a decentralised system of smart contracts that facilitates the transfer of digital assets. As a leading liquidity protocol that operates on a supply and borrow model, Aave enables users to supply their assets to liquidity pools and, in return, allows other participants to borrow from those pools using their own collateral. The protocol operates across multiple blockchain networks, making it highly accessible to users across different ecosystems.



ALEO

Ticker:	ALEO
Algorithm:	zkSNARK
Supply:	Infinite
Decimal:	8

Official Website: <https://aleo.org/>

Bitcointalk: <https://aleo.org/blog/>

Github: <https://github.com/AleoNet>

White Paper: <https://hackmd.io/@aleo/HJRwnnhM6>

Our novel consensus algorithm bakes zero-knowledge proofs into the blockchain, enabling faster, cheaper, and safer applications for a better web. AleoBFT is a novel consensus algorithm tailor-made for Aleo and based on Bullshark/Narwhal.

One distinguishing feature is a Coinbase puzzle based on the earlier Proof-of-Succinct Work model. Provers solve on a per-block basis in exchange for a dedicated share of the block reward.

The Coinbase puzzle mirrors the process for generating a SNARK proof as a transaction on the network. It's useful in that it has carryover beyond the consensus algorithm itself.



ALGORAND

Ticker:	ALGO
Algorithm:	PoS
Supply:	10 Billion
Decimal:	8

Official Website: <https://algorandtechnologies.com/>

Blog: <https://algorand.co/blog>

Github: <https://github.com/algorand>

White Paper: <https://algorand.co/blog/the-algorand-whitepaper>

Algorand is an energy-efficient, quantum-secure, single-layer blockchain with instant finality, consistently high throughput, and low fees. A novel blockchain protocol designed for security, scalability, decentralization and efficiency. It introduces a Byzantine Agreement variant that achieves consensus with minimal computation and a near-impossible chance of forking, paving the way for a performant, secure and sustainable blockchain. Algorand is a truly democratic and efficient way to implement a public ledger. Unlike prior implementations based on proof of work, it requires a negligible amount of computation, and generates a transaction history that will not “fork” with overwhelmingly high probability.



AMP

Ticker:	AMP
Token:	Ethereum
Supply:	99.66 Billion
Decimal:	8

Official Website: <https://amp.xyz/>

X: https://x.com/ampera_xyz

Github: <https://github.com/bitcoin>

White Paper: <https://docs.amp.xyz/whitepaper>

Amp is a universal collateral token designed to facilitate fast and efficient transfers for any real-world application. When using Amp as collateral, transfers of value are guaranteed and can settle instantly.

While the underlying asset reaches final settlement, a process that can take anywhere from seconds to days, Amp is held in escrow by a collateral manager. Once the transaction successfully settles, the Amp collateral is released and made available to collateralize another transfer. Amp exists to serve as universal collateral for anyone and any project.



APECOIN

Ticker:	APE
Token:	Ethereum
Supply:	1 Billion
Decimal:	8

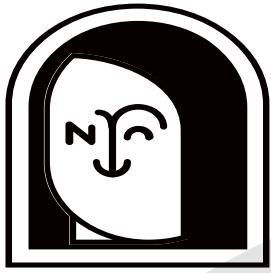
Official Website: <https://apecoin.com/>

Forum: <https://forum.apecoin.com/>

Market Place: <https://apecoin.com/marketplace>

White Paper: <https://apecoin.com/about>

Apecoin will serve as a decentralized protocol layer for community-led initiatives that drive culture forward into the metaverse. The APE Foundation is the steward of ApeCoin. It is not an overseer, but the base layer on which ApeCoin holders in the ApeCoin DAO can build. The Foundation facilitates decentralized and community-led governance and is designed to become more decentralized over time. It is tasked with administering the decisions of the ApeCoin DAO, and is responsible for day-to-day administration, bookkeeping, project management, and other tasks that ensure the DAO community's ideas have the support they need to become a reality.



APENFT

Ticker:	NFT
Token:	Tron
Supply:	1 Quadrillion
Decimal:	8

Official Website: <https://apenft.io/>

X: <https://x.com/apenftorg>

Documentation: <https://docs.apenft.io/docs/welcome>

White Paper: <https://foundation.apenft.io/>

First, the sharing mechanism of the digital economy is integrated into the artwork market. Blockchain technology is able to give a second life to artworks in the digital world.

Second, an art market based on trust among machines is established. Information relating to an artwork such as its source, key details, delivery process and transaction history will be digitalized and stored in the blockchain-based trading system.

Third, a transparent and open trading system is created. Blockchain data is visible to users world-wide and accessible to central management systems and database catalogs.



ARWEAVE

Ticker:	AR
Algorithm:	PoA
Supply:	66 Million
Decimal:	8

Official Website: <https://arweave.org/>

X: <https://x.com/arweaveteam>

Github: <https://github.com/arweaveteam>

Yellow Paper: <https://www.arweave.org/yellow-paper.pdf>

The Arweave network is like Bitcoin, but for data: A permanent and decentralized web inside an open ledger.

Permanent storage has many applications: from the preservation of humanity's most important data, to the hosting of truly decentralized and provably neutral web apps.

The Arweave protocol is stable, mature and widely adopted. As such, its ecosystem is fully decentralized. This site is just the tip of the iceberg. It acts as a map that points you to places you can learn about, use and build on Arweave.



AVALANCHE

Ticker:	AVAX
Algorithm:	PoS
Supply:	720 Million
Decimal:	8

Official Website: <https://www.avax.network/>

AVAX Blog: <https://www.avax.network/blog>

Github: <https://github.com/ava-labs>

White Paper: <https://www.avalabs.org/whitepapers>

Avalanche is an open-source platform for building decentralized applications in one interoperable, decentralized, and highly scalable ecosystem.

Powered by a uniquely powerful consensus mechanism, Avalanche is the first ecosystem designed to accommodate the scale of global finance, with near-instant transaction finality.

Avalanche employs the fastest consensus mechanism of any Layer 1 blockchain. The unique consensus mechanism enables quick finality and low latency.



AXIE INFINITY

Ticker:	AXS
Token:	Ethereum
Supply:	270 Million
Decimal:	8

Official Website: <https://axieinfinity.com/>

X: <https://x.com/axieinfinity>

Github: <https://github.com/axieinfinity>

White Paper: <https://whitepaper.axieinfinity.com/>

Axie Infinity is a universe filled with fierce, collectible creatures called Axies. Axie features a player-owned economy where players have complete ownership of their digital assets and can buy, sell, and trade them just like physical trading cards and collectibles.

The Axie universe is always expanding through new games and experiences. Many of these experiences will allow players to compete with each other using complex strategies and tactics to attain top rankings or be rewarded with coveted resources. Others will have them complete quests, defeat bosses, and unlock in-depth storylines.



BAND PROTOCOL

Ticker:	BAND
Token:	Ethereum
Supply:	Infinite
Decimal:	8

Official Website: <https://bandprotocol.org/en/>

Bitcointalk: <https://bitcointalk.org/>

Github: <https://github.com/bandprotocol/chain>

White Paper: <https://docs.bandchain.org/>

Band Protocol is a cross-chain data oracle aggregating and connecting real-world data and APIs to smart contracts. The protocol is built on top of **BandChain**, a Cosmos-SDK-based blockchain designed to be compatible with most smart contract and blockchain development frameworks. The network is designed to modularize and offload the task of constantly monitoring price data and react to price changes across all asset classes from the smart contract platforms onto itself. This not only prevents such tasks from congesting or causing high transaction fees on the destination network, but the same data points can be packaged, used, and verified efficiently across multiple blockchains.



BASIC ATTENTION

Ticker:	BAT
Token:	Ethereum
Supply:	1.5 Billion
Decimal:	8

Official Website: <https://basicattentiontoken.org/>

X: <https://x.com/AttentionToken>

Github: <https://github.com/brave-intl>

Browser: <https://brave.com/>

BAT has seen stunning results since being integrated into the Brave's Browser first-of-its-kind global private ad platform: tens of millions of users worldwide; millions of verified creators accepting BAT; thousands of ad campaigns with leading brands; and growing utility with the most innovative names in blockchain. These results make BAT one of the most successful alt-coin projects to date. BAT is now bridged across the Ethereum and Solana blockchains, and offers utility to both ecosystems. Brave Rewards gives you the option to view first-party, privacy-protecting ads while you browse (these ads are from the Brave Private Ads network). If you choose to view them, you earn BAT via the Brave Rewards Program.



BITCOIN

Ticker:	BTC
Algorithm:	SHA-256
Supply:	21 Million
Decimal:	8

Official Website: <https://bitcoin.org/en/>

Bitcointalk: <https://bitcointalk.org/>

Github: <https://github.com/bitcoin>

White Paper: <https://bitcoin.org/bitcoin.pdf>

Bitcoin is a decentralized digital currency that enables instant payments to anyone, anywhere in the world. Bitcoin uses peer-to-peer technology to operate with no central authority. Bitcoin is the first successful implementation of a distributed crypto-currency, described in part in 1998 by Wei Dai on the cypherpunks mailing list. Building upon the notion that money is any object, or any sort of record, accepted as payment for goods and services and repayment of debts in a given country or socio-economic context, Bitcoin is designed around the idea of using cryptography to control the creation and transfer of money, rather than relying on central authorities.



BITCOIN CASH

Ticker:	BCH
Algorithm:	SHA-256
Supply:	21 Million
Decimal:	8

Official Website: <https://bch.info/> + <https://bitcoincash.org/>
Bitcointalk: <https://bitcointalk.org/index.php?topic=2040221>
Github: <https://github.com/bitcoincashorg>
White Paper: <https://bch.info/bitcoin.pdf>

Bitcoin Cash brings sound money to the world, fulfilling the original promise of Bitcoin as "Peer-to-Peer Electronic Cash". Merchants and users are empowered with low fees and reliable confirmations. The future shines brightly with unrestricted growth, global adoption, permissionless innovation, and decentralized development.

With multiple independent teams of developers providing software implementations, the future is secure. Bitcoin Cash is resistant to political and social attacks on protocol development. No single group or project can control it. Multiple implementations also provides redundancy to ensure that the network retains 100% uptime.



BITCOIN SV

Ticker:	BSV
Algorithm:	SHA-256
Supply:	21 Million
Decimal:	8

Official Website: <https://bitcoinsv.com/>

X: <https://x.com/BSVBlockchain>

Github: <https://github.com/bitcoin-sv>

White Paper: <https://bitcoin.org/bitcoin.pdf>

Discover the origins of the BSV blockchain and how it came to be the best enterprise blockchain in the world and continues to set records. Release of Bitcoin white paper by Satoshi Nakamoto, followed by the first open-source client software release. BSV emerges as BCH and BTC diverge from the core principles set out in the white paper. In 2020, BSV blockchain announces the Genesis Upgrade which aims to restore Satoshi's original vision. BSV Blockchain sets multiple world records, including exceeding 50,000 transactions per second. In January 2024, Teranode testing begins, aiming to boost BSV's capabilities to 1 million transactions per second.



BITTORRENT

Ticker:	BTT
Token:	Tron
Supply:	999 Trillion
Decimal:	8

Official Website: <https://www.bittorrent.com/token/btt/>

Medium: <https://medium.com/bittorrent>

Github: <https://github.com/bittorrent>

White Paper: [https://www.bittorrent.com/btt/btt-docs/BitTorrent_\(BTT\)_White_Paper_v0.8.7_Feb_2019.pdf](https://www.bittorrent.com/btt/btt-docs/BitTorrent_(BTT)_White_Paper_v0.8.7_Feb_2019.pdf)

BitTorrent is a pioneering distributed communication protocol invented by Bram Cohen in 2001. As a peer-to-peer protocol, it facilitates the transfer of large, highly demanded files, eliminating the need for a trusted central server. The BitTorrent protocol enables client software endpoints (“clients”) to collaborate with each other to enable reliable simultaneous distribution of large files to multiple clients, reducing reliance on any single weak point (such as a server connection). It does this by attempting to make efficient use of every client’s upload and download bandwidth to balance peer-to-peer content delivery across all clients.



BNB

Ticker:	BNB
Token:	Ethereum
Supply:	200 Million
Decimal:	8

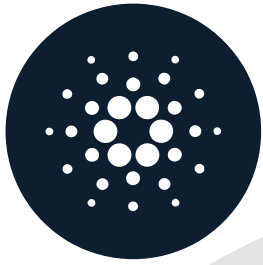
Official Website: <https://www.binance.com/en>

X: <https://x.com/binance>

Github: <https://github.com/bnb-chain>

White Paper: <https://github.com/bnb-chain/whitepaper>

BNB Smart Chain (BSC) is an EVM-compatible blockchain designed to bring programmability and interoperability to the BNB Chain ecosystem. As part of the broader BNB Chain, BSC aims to deliver a high-throughput, low-latency, and low-cost environment for decentralized applications (dApps) and digital assets. This whitepaper outlines the architecture, mechanisms, and evolutionary journey of BSC. BSC has evolved significantly from its initial dual-chain architecture, where staking, validation, and governance were delegated to the Beacon Chain. After the BC fusion, BSC transitioned into a fully autonomous chain, undergoing substantial architectural changes.



CARDANO

Ticker:	ADA
Algorithm:	Ouroboros
Supply:	45 Billion
Decimal:	8

Official Website: <https://cardano.org/>

Forum: <https://forum.cardano.org/>

Github: <https://github.com/input-output-hk>

White Paper: <https://docs.cardano.org/about-cardano/introduction>

It is named after Ada Lovelace: a 19th-century mathematician who is recognized as the first computer programmer, and is the daughter of the poet Lord Byron. Ada is a digital currency. Any user anywhere in the world, can use ada as a secure exchange of value without requiring a third party to mediate the exchange. Every transaction is permanently, securely, and transparently recorded on the Cardano blockchain. Every ada holder also holds a stake in the Cardano network. Ada stored in a wallet can be delegated to a stake pool to earn rewards, or run your own stake pool to increase the pool's likelihood of receiving rewards.



CHAINLINK

Ticker:	LINK
Token:	Ethereum
Supply:	1 Billion
Decimal:	8

Official Website: <https://chain.link/>

Blog: <https://blog.chain.link/>

Github: <https://github.com/smartcontractkit>

White Paper: <https://chain.link/whitepaper>

Chainlink provides essential infrastructure and the ecosystem for powering the security, data, and movement of tokenized real-world assets. Oracles are the secure middleware that bridge the blockchain (on-chain) to the real world (off-chain), allowing smart contracts to interact with API services as both a means to both use external data to trigger a contract's execution or send outputs to external systems. The oracle retrieves data from an API and posts it to a blockchain network, sends messages/instructions from the smart contract to external systems, and performs various validation techniques to ensure the data is accurate and resistant to manipulation.



CHIA

Ticker:	CHIA
Algorithm:	PoST
Supply:	32 Million
Decimal:	8

Official Website: <https://www.chia.net/>

Forum: <https://chiaforum.com/>

Github: <https://github.com/Chia-Network>

White Paper: <https://www.chia.net/white-paper/>

Incorporated in the State of Delaware, August 1, 2017 and founded by Bram Cohen, the inventor of BitTorrent. Chia Network intends to sell software services and support for its open source blockchain and smart transaction software to governments, financial institutions, corporations, and large buyers and sellers of storage. We also foster the grass roots development of DeFi, DEX, cross border payments, and new end user wallet innovations to accelerate the development of applications only made possible through a secure, decentralized programmable money. Our tools allow developers to create user friendly applications and wallets.



CHILIZ

Ticker:	CHZ
Algorithm:	PoSA
Supply:	Infinite
Decimal:	8

Official Website: <https://www.chiliz.com/>

X: <https://x.com/chiliz>

Github: <https://github.com/bitcoin>

White Paper: https://www.chiliz.com/docs/CHZ_whitepaper.pdf

Chiliz Chain is the leading blockchain for enterprise-level sports and entertainment brands that want to create a Web3 ecosystem where stakeholders can build Web3 experiences within a secured network-effect-driven community. Chiliz Chain aims to build a secure online community focused on sports and entertainment. Our prime objective is to create a web3 ecosystem focused on the Sports and Entertainment industry where stakeholders are able to build web3 experiences within a secure network-effect-driven community. With Chiliz Chain, you can access global brands and leverage a huge existing partner of sports and entertainment properties to create something special.



COMPOUND

Ticker:	COMP
Token:	Ethereum
Supply:	10 Million
Decimal:	8

Official Website: <https://compound.finance/>

Medium: <https://medium.com/compound-finance>

Github: <https://github.com/compound-finance>

White Paper: [https://compound.finance/
documents/Compound.Whitepaper.pdf](https://compound.finance/documents/Compound.Whitepaper.pdf)

Compound is a protocol on the Ethereum blockchain that establishes money markets, which are pools of assets with algorithmically derived interest rates, based on the supply and demand for the asset. Suppliers (and borrowers) of an asset interact directly with the protocol, earning (and paying) a floating interest rate, without having to negotiate terms such as maturity, interest rate, or collateral with a peer or counterparty. Each money market is unique to an Ethereum asset (such as Ether, an ERC-20 stablecoin such as Dai, or an ERC-20 utility token such as Augur), and contains a transparent and publicly-inspectable ledger, with a record of all transactions and historical interest rates.



CONFLUX

Ticker:	CFX
Algorithm:	Octopus
Supply:	5.6 Billion
Decimal:	8

Official Website: <https://confluxnetwork.org/>

X: https://x.com/Conflux_Network

Github: <https://github.com/Conflux-Chain>

White Paper: <https://confluxnetwork.org/files/>

Conflux employs a hybrid consensus mechanism, combining Proof of Work (PoW) and Proof of Stake (PoS), ensuring high security, throughput, and decentralization. Conflux's PoW consensus leverages the Tree-Graph ledger structure and GHAST algorithm, delivering a high transaction throughput of up to 3,000 TPS and confirmation latency within 1 minute, while maintaining the same level of decentralization as Bitcoin and Ethereum. Conflux's PoS consensus offers the network finality, mitigating the risk of 51% attack. Consequently, Conflux has the capability to efficiently handle a large number of transactions, making it a robust and reliable platform for a wide range of apps.



CORECHAIN

Ticker:	CORE
Algorithm:	DPoW/DPoS
Supply:	2.1 Billion
Decimal:	8

Official Website: <https://coredao.org/>

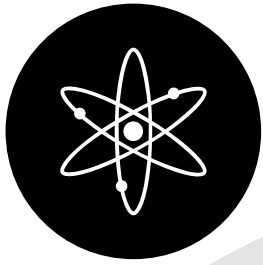
X: https://x.com/coredao_org

Github: <https://github.com/coredao-org>

White Paper: <https://whitepaper.coredao.org/>

Corechain is a Bitcoin-integrated, EVM-compatible layer-one blockchain engineered to enhance Bitcoin's utility while adhering to its foundational principles of decentralization and security. At its core lies the innovative Satoshi Plus consensus mechanism, which harmoniously combines Delegated Proof of Work (DPoW), Delegated Proof of Stake (DPoS), and Non-Custodial BTC Staking.

This architecture enables BTC holders and miners to actively participate in securing Turing-complete smart contracts, extending their functionality far beyond ledger maintenance.



COSMOS HUB

Ticker:	ATOM
Algorithm:	BFT
Supply:	Infinite
Decimal:	8

Official Website: <https://cosmos.network/>

X: <https://x.com/cosmos>

Github: <https://github.com/cosmos>

White Paper: <https://github.com/cosmos/cosmos/>

Cosmos is a network connecting many independent blockchains, called zones. The zones are powered by Tendermint Core, which provides a high-performance, consistent, secure PBFT-like consensus engine, where strict fork-accountability guarantees hold over the behaviour of malicious actors. Tendermint Core's BFT consensus algorithm is well suited for scaling public proof-of-stake blockchains. Blockchains with other consensus models, including proof-of-work blockchains like Ethereum and Bitcoin can be connected to the Cosmos network using adapter zones.



CRONOS

Ticker:	CRO
Algorithm:	BFT-PoS
Supply:	30 Billion
Decimal:	8

Official Website: <https://cronos-pos.org/>

X: https://x.com/cronos_chain

Github: <https://github.com/crypto-org-chain>

White Paper: <https://whitepaper.cronos.org/>

Cronos POS Chain is based on Tendermint Core's consensus engine, it relies on a set of validators to participate in the proof of stake (POS) consensus protocol, and they are responsible for committing new blocks in the blockchain.

Specifically, validators run a Byzantine Fault Tolerant (BFT) consensus protocol among themselves which resolves the final order of transaction sequences. Cronos POS Chain utilizes Cosmos SDK and the Tendermint Core consensus engine underneath.



CURVE DAO

Ticker:	CRV
Token:	Ethereum
Supply:	2.2 Billion
Decimal:	8

Official Website: <https://curve.fi/dex/ethereum/pools/>

X: <https://x.com/curvefinance>

Github: <https://github.com/curvefi>

White Paper: <https://resources.curve.fi/pdf/curve-dao.pdf>

Curve.fi is a non-custodial decentralized exchange that revolutionized stablecoin trading. It began by offering superior exchange rates for stablecoin swaps (like DAI to USDC) through liquidity pools, where users earn yield by depositing their assets.

The main purposes of the Curve DAO token are to incentivize liquidity providers on the Curve Finance platform as well as getting as many users involved as possible in the governance of the protocol. It also has time-weighted voting for governance and accrues a portion of the Curve Finance fees generated when locked as veCRV.



DASH

Ticker:	DASH
Algorithm:	X11
Supply:	18.9 Million
Decimal:	8

Official Website: <https://www.dash.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=421615>

Github: <https://github.com/dashpay>

White Paper: <https://www.dash.org/documentation/>

Dash is an open source peer-to-peer cryptocurrency with a strong focus on the payments industry. Dash offers a form of money that is portable, inexpensive, divisible and fast. It can be spent securely both online and in person with only minimal transaction fees. Dash aims to be the most user-friendly and scalable payments-focused cryptocurrency in the world.

While Dash is based on Bitcoin and compatible with many key components of the Bitcoin ecosystem, its two-tier network structure offers significant improvements in transaction speed, privacy and governance.



DECRED

Ticker:	DCR
Algorithm:	BLAKE3
Supply:	21 Million
Decimal:	8

Official Website: <https://decred.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=1290358.0>

Github: <https://github.com/decred>

White Paper: <https://docs.decred.org/>

Decred is a blockchain-based cryptocurrency with a strong focus on community input, open governance, and sustainable funding for development. It utilizes a hybrid Proof-of-Work (PoW) and Proof-of-Stake (PoS) mining system to ensure that a small group cannot dominate the flow of transactions or make changes to Decred without the input of the community. A unit of the currency is called a decred (DCR). Stakeholders make and enforce the blockchain's consensus rules, set a course for future development, and decide how the project's treasury is used to fund it. Decred's blockchain is similar to Bitcoin's, but with major aspects of governance baked into the protocol.



DIGIBYTE

Ticker:	DGB
Algorithm:	Multi-Algo
Supply:	21 Billion
Decimal:	8

Official Website: <https://www.digibyte.org/en-us/>

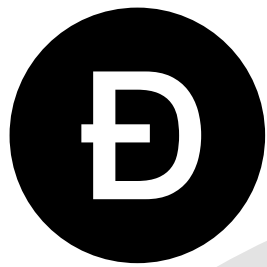
X: <https://x.com/digibytecoin>

Github: <https://github.com/DigiByte-Core>

White Paper: <https://bitcoincore.org/bitcoin.pdf>

DigiByte is more than a faster digital currency. It is an innovative blockchain that can be used for digital assets, smart contracts, decentralized applications and secure authentication.

The middle layer provides security and administration. A Digital Byte of data, a representation of larger data or a unit that holds value, and cannot be counterfeited, duplicated or hacked. An immutable public ledger where all transactions of DigiBytes are recorded. DigiByte uses five proof of work algorithms for security. New DigiBytes come from mining only.



DOGECOIN

Ticker:	DOGE
Algorithm:	Scrypt
Supply:	Infinite
Decimal:	8

Official Website: <https://dogecoin.com/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=361813.0>

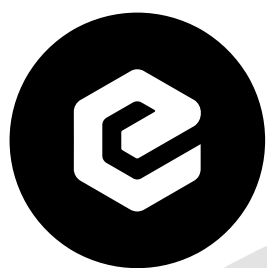
Github: <https://github.com/dogecoin>

Manifesto: <https://foundation.dogecoin.com/manifesto/>

Dogecoin is many things to many different people. At its heart, Dogecoin is the accidental crypto movement that makes people smile!

It is also an open-source peer-to-peer cryptocurrency that utilises blockchain technology, a highly secure decentralised system of storing information as a public ledger that is maintained by a network of computers called nodes.

More than this, though, is the ethos of Dogecoin, summarised in the Dogecoin Manifesto, and its amazing, vibrant community made up of friendly folks just like you!



ECASH

Ticker:	XEC
Algorithm:	SHA-256
Supply:	21 Trillion
Decimal:	8

Official Website: <https://e.cash/>

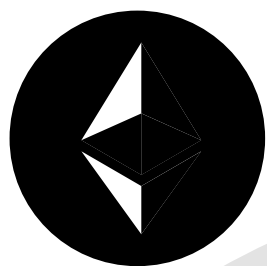
X: <https://x.com/ecashofficial>

Github: <https://github.com/bitcoin-abc>

White Paper: <https://e.cash/core-tech>

eCash is digital cash for the internet. You can send it directly to other people just like sending a text message. It works through a decentralized network of computers across the world, without any middlemen. If this sounds like Bitcoin, that's because eCash is based on Bitcoin's software and shares many of its technological fundamentals.

However, eCash is specifically optimized for scalability and speed, making it the ideal internet cash. It's also easily extensible and can seamlessly interoperate with the wider DeFi ecosystem. eCash integrates the groundbreaking Avalanche protocol with its core Nakamoto consensus.



ETHEREUM

Ticker:	ETH
Algorithm:	PoS
Supply:	Infinite
Decimal:	8

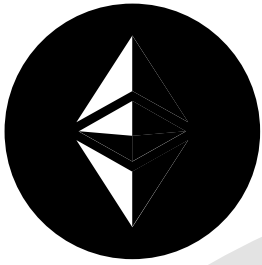
Official Website: <https://ethereum.org/en/>

Bitcointalk: <https://bitcointalk.org/>

Github: <https://bitcointalk.org/index.php?topic=428589>

White Paper: <https://ethereum.org/en/whitepaper/>

Launched in 2015, Ethereum builds on Bitcoin's innovation, with some big differences. Both let you use digital money without payment providers or banks. But Ethereum is programmable, so you can also build and deploy decentralized applications on its network. Bitcoin enables us to send basic messages to one another. Ethereum extends this. Rather than just messages you can write any general program, or contract. There is no limit to the kind of contracts which can be created, this makes for lots of innovation. While Bitcoin is only a payment network, Ethereum is more like a marketplace of financial services, games, social networks and other apps.



ETHEREUM CLASSIC

Ticker:	ETC
Algorithm:	ETCHASH
Supply:	210 Million
Decimal:	8

Official Website: <https://ethereumclassic.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=5134923>

Github: <https://github.com/ethereumclassic>

White Paper: <https://ethereumclassic.org/knowledge/foundation>

Compared to other blockchains whose development is guided by corruptible centralized institutions, The Ethereum Classic Foundation is a set of principles designed shepherds decision-making in a way that maximizes ETC's longevity and prevents it from being captured. As an idea, it is immune from many forms of attack, is robust, and can stand the test of time.

There is no top-down control over Ethereum Classic, which leads to an antifragility, and is achieved by participants maintaining and refining a doctrine of decentralization that can be easily articulated, understood, and perpetuated over time.



FILECOIN

Ticker:	FIL
Algorithm:	PoS
Supply:	2 Billion
Decimal:	8

Official Website: <https://filecoin.io/>

X: <https://x.com/Filecoin>

Github: <https://github.com/filecoin-project>

White Paper: <https://docs.filecoin.io/>

Filecoin is a peer-to-peer network that enables reliable, decentralized file storage through built-in economic incentives and cryptographic proofs. Users pay storage providers—computers that store and continuously prove file integrity—to securely store their files over time. Anyone can join Filecoin as a user seeking storage or as a provider offering storage services. Storage availability and pricing aren't controlled by any single entity; instead, Filecoin fosters an open market for file storage and retrieval accessible to all. Filecoin is built on the same technology as the IPFS protocol. Filecoin is compatible with various data types, including audio and video files.



FLARE

Ticker:	FLR
Algorithm:	PoS
Supply:	Infinite
Decimal:	8

Official Website: <https://flare.network/>

X: <https://x.com/FlareNetworks>

Documents: <https://docs.flare.network/>

White Paper: <https://dev.flare.network/support/whitepapers/>

Flare is the blockchain for data. It is a layer 1, EVM smart contract platform designed to expand the utility of blockchain.

Flare's aim is to provide data as a public good, meaning that data is not controlled by a centralized entity and is available to all. The infrastructure providers, which perform doubly as validators and data providers, enable two native oracles, the FTSO and the Flare Data Connector. This native processing provides developers on Flare with efficient access to large amounts of data and data proofs at minimal cost, with which to build software on the platform.



FLUX

Ticker:	FLUX
Algorithm:	Equihash
Supply:	440 Million
Decimal:	8

Official Website: <https://www.runonflux.io/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=2853688>

Github: <https://github.com/runonflux>

White Paper: <https://whitepaper.app.runonflux.io/>

The Flux Ecosystem is a suite of decentralized computing services and blockchain-as-a-service solutions which offer an interoperable, decentralized, AWS-like development environment. Flux utilizes a native POW (Proof-of-Work) coin to power this ecosystem, providing incentive for hardware hosters, governance on-chain, and bad actor mitigation via staking requirements for running hardware. Flux node operators can choose from three tiers of hardware requirements to stand up after providing the necessary Flux capital soft-locked in their wallet. This allows anyone to be rewarded for providing hardware to the network, from anywhere in the World.



HARMONY

Ticker:	ONE
Algorithm:	PoS
Supply:	13.1 Billion
Decimal:	8

Official Website: <https://www.harmony.one/>

X: <https://x.com/harmonyprotocol>

Github: <https://github.com/harmony-one>

White Paper: <https://harmony.one/whitepaper.pdf>

Harmony is an open blockchain with data sharding and fast finality. Social finance and community AI can use our onchain tokens for micro-payments, smart contracts for market pricing, and zero-knowledge proofs for data privacy. Harmony's mission is to scale trust and create a radically fair economy. Our platform is decentralized, scalable and secure to settle any transactions without trusted parties. The next generation sharding-based blockchain that is fully scalable, provably secure, and energy efficient. Harmony addresses the problems of existing blockchains by combining the best research results and engineering practice in an optimally tuned system.



HEDERA

Ticker:	HBAR
Algorithm:	HCS
Supply:	50 Billion
Decimal:	8

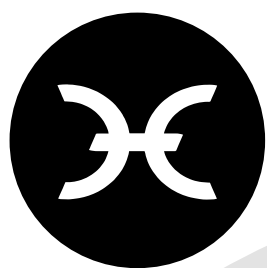
Official Website: <https://hedera.com/>

X: <https://x.com/hedera>

Github: <https://github.com/hashgraph>

White Paper: <https://hedera.com/papers>

Hedera is the only public ledger that uses hashgraph consensus, a faster, more secure alternative to blockchain consensus mechanisms. Hashgraph, created by Leemon Baird Hedera's co-founder and Chief Scientist, works efficiently to verify transactions while ensuring the highest standard of security to prevent malicious attacks. Hashgraph achieves high-throughput with 10,000+ transactions per second today and low-latency finality in seconds from its innovative gossip about gossip protocol and virtual voting. Once consensus is reached, the transaction is immutable and available on the public ledger for everyone to transparently see.



HOLO

Ticker:	HOT
Algorithm:	DHT
Supply:	177 Billion
Decimal:	8

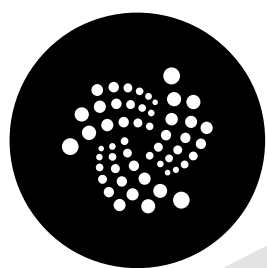
Official Website: <https://holo.host/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=2963267.0>

Github: <https://github.com/holochain>

White Paper: <https://holo.host/whitepapers/>

Holochain is a framework for building fully decentralized, peer-to-peer apps. In its architecture, Holochain leans away from the severely limiting and often destructive consensus-based and data-centric practices made popular by blockchain technologies. Holochain is unique in that it utilizes DHTs for collective data storage and proliferation while maintaining agent-centric data integrity via personal hash chains held by each node. Holochain is not a blockchain. On a blockchain, every node on a network maintains the same state of the entire network. On Holochain, each node maintains its own history in a personal, cryptographically tamper-proof chain.



IOTA

Ticker:	IOTA
Algorithm:	dPoS
Supply:	4.6 Billion
Decimal:	8

Official Website: <https://www.iota.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=1216479.0>

Github: <https://github.com/iotaledger>

White Paper: <https://bitcoin.org/bitcoin.pdf>

Founded in 2015, IOTA is a public goods infrastructure bringing trust into our digital world. One of the world's most established blockchain projects, it enables builders, enterprises, and governments to create DLT projects and interact with each other in a secure, trusted and verifiable way.

IOTA fundamentally differs from traditional blockchains. Instead of relying on linear blocks processed at fixed intervals, IOTA uses a unique data structure that enables interaction at any point in time, allowing operations to occur in parallel.



JAMYCOIN

Ticker:	JASMY
Token:	Ethereum
Supply:	50 Billion
Decimal:	8

Official Website: <https://www.jasmy.co.jp/>

X: <https://x.com/JasmyMGT>

Github: <https://github.com/JasmyCoin>

WP: <https://jasmyworld.com/wp-content/uploads/2021/08/>

When our basic needs such as clothing, food, shelter or transportation are connected via internet, this will dramatically affect our lives. We are an IoT platform company on a mission to provide the infrastructure which allows anybody to use data safely and securely. We are currently developing and providing the “Jasmy Platform” to achieve this. In these times, the valuable data generated from our everyday life is possessed by a small number of companies. The Jasmy Platform aims to regain data sovereignty for each individual so that everyone can use their data safely and securely. To achieve this, we have combined Blockchain and IoT technology.



JUST

Ticker:	JST
Token:	Tron
Supply:	9.9 Billion
Decimal:	8

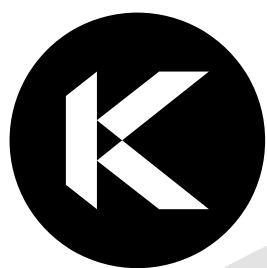
Official Website: <https://www.just.network/#/>

X: https://x.com/DeFi_JUST

Github: <https://github.com/justlend>

White Paper: https://www.just.network/docs/white_paper_en.pdf

JUST is committed to developing TRON-based DeFi protocols and aims to provide all-in-one financial solutions to its users. JUST system governance relies mainly on JST holders. While JST holders earn revenue from the stability fees of USDJ, they are also responsible for the governance of the JUST system, which is done through selecting valid proposals by JST voters. Each JST holder can vote and select the contract he/she supports among all the smart contracts that modify the system parameters. The contract with the highest number of votes becomes a valid proposal and has the system permit to modify variables of JUST internal system governance as per the established logic.



KADENA

Ticker:	KDA
Algorithm:	BLAKE2S
Supply:	1 Billion
Decimal:	8

Official Website: <https://www.kadena.io/>

X: https://x.com/kadena_io

Github: <https://github.com/kadena-io>

White Paper: <https://www.kadena.io/whitepapers>

Founded by Stuart Popejoy and Will Martino in 2016, Kadena is the industry's only truly scalable Layer 1 Proof of Work blockchain. In this paper we give a high-level overview of the technology behind the Kadena Public Blockchain: the smart contract language Pact and the new parallel-chain Proof-of-Work architecture Chainweb. Together, these technologies allow for high transaction throughput, safe and simple smart contract construction, and integrated smart contract upgrades without a hard fork. These features provide a trustworthy ecosystem for distributed applications, safely shared business workflows, and flexible governance mechanisms for the modern age.



KASPA

Ticker:	KAS
Algorithm:	GHOSTDAG
Supply:	28.7 Billion
Decimal:	8

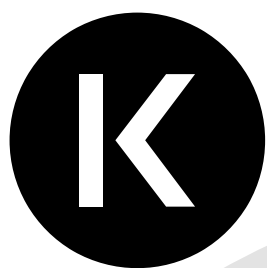
Official Website: <https://bitcoin.org/en/>

X: <https://x.com/KaspaCurrency>

Github: <https://github.com/kaspanet>

White Paper: <https://eprint.iacr.org/2018/104.pdf>

Kaspa is the fastest and most scalable instant confirmation transaction layer ever built on a proof-of-work engine. Transactions sent to miners can be included immediately in the ledger, which is structured as a revolutionary blockDAG. Kaspa is based on the GhostDAG/PHANTOM protocol, a scalable generalization of the Nakamoto Consensus (Bitcoin consensus). UTXO-formed isolated state, deflationary monetary policy, no premine, and no central governance. Kaspa is unique in its ability to support high block rates while maintaining the level of security offered by the most secure proof-of-work environments. Kaspa's current mainnet operates with one block per second.



KAVA

Ticker:	KAVA
Algorithm:	PoS
Supply:	1 Billion
Decimal:	8

Official Website: <https://www.kava.io/>

X: https://x.com/KAVA_CHAIN

Github: <https://github.com/Kava-Labs>

White Paper: <https://docs.kava.io/docs/intro/>

The Kava Network is the first Layer-1 blockchain to combine the speed and scalability of the Cosmos SDK with the developer support of Ethereum. The Kava Network will empower developers to build for Web3 and next-gen blockchain technologies through its unique co-chain architecture. KAVA is the native governance and staking token of the Kava Network, enabling its decentralization and security. The Ethereum and Cosmos Co-Chains interoperate seamlessly with each other, empowering developers to build in whichever environment they want without sacrificing access to the users and assets of the other.



KUCCOIN

Ticker:	KCC
Algorithm:	PoSA
Supply:	21 Million
Decimal:	8

Official Website: <https://www.kcc.io/>

X: <https://x.com/kucoincom>

Github: <https://github.com/kcc-community>

White Paper: <https://docs.kcc.io/>

Kucoin Community Chain is built on the Ethereum source code and is compatible with EVM smart contracts. It seeks to solve the dual problem of low performance and high cost on Ethereum. Currently, millions of blocks have been produced while the number of active addresses on the chain has exceeded hundreds of thousands.

KCC is dedicated to building a decentralized network that is high-performing, low-cost, and low-consumption by using the Proof of Staked Authority (PoSA) consensus protocol. Those 29 validators who have received the most votes in the network will become active validators responsible for mining and validating the blocks.



KUSAMA

Ticker:	KSM
Algorithm:	ParaChain
Supply:	16.2 Million
Decimal:	8

Official Website: <https://kusama.network/>

X: <https://x.com/kusamanetwork>

Github: <https://github.com/paritytech>

White Paper: <https://guide.kusama.network/>

While other blockchain networks only allow developers to build dapps using smart contracts, Kusama gives them full control over the underlying blockchain itself. This flexibility gives parachain developers the maximum freedom to optimize for specific use cases — which means better and more secure dapps and services for all. From DeFi to identity and supply chain, gaming and NFTs, IoT, DAOs, and more, parachains can be built for any use case. Parachains can act autonomously based on the will of their communities to participate in Kusama governance and allocate on-chain treasuries. This opens the door to new decentralized funding models.



LITECOIN

Ticker:	LTC
Algorithm:	Script
Supply:	84 Million
Decimal:	8

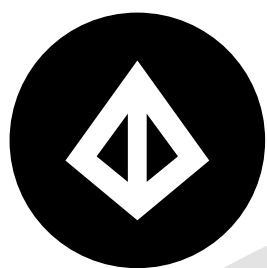
Official Website: <https://litecoin.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=47417.0>

Github: <https://github.com/litecoin-project>

White Paper: <https://bitcoin.org/bitcoin.pdf>

Litecoin is a peer-to-peer Internet currency that enables instant, near-zero cost payments to anyone in the world. Litecoin is an open source, global payment network that is fully decentralized without any central authorities. Mathematics secures the network and empowers individuals to control their own finances. Litecoin features faster transaction confirmation times and improved storage efficiency than the leading math-based currency. With substantial industry support, trade volume and liquidity, Litecoin is a proven medium of commerce complementary to Bitcoin.



LOOPRING

Ticker:	LRC
Token:	Ethereum
Supply:	1.37 Billion
Decimal:	8

Official Website: <https://loopring.io/#/>

X: <https://x.com/loopringorg>

Github: <https://github.com/Loopring>

White Paper: https://loopring.org/resources/en_whitepaper.pdf

Loopring is the first scalable DEX protocol built with zkRollup for Ethereum. Using Loopring, people can build high-performance, orderbook-based, decentralized exchanges that do not take custody of users' crypto-assets. Due to the use of zkRollup, a layer-2 scalability solution, Loopring is capable of settling more than 2,000 trades per second on Ethereum 1.0. Loopring makes sure nobody can misappropriate users' crypto-assets deposited to an exchange. Even under extreme circumstances, such as an exchange's UI stopped functioning, or the exchange's operators are out of reach, users can still claim their rightful assets by providing valid Merkle proofs that are derivable from data on Ethereum.



MIMBLEWIMBLE COIN

Ticker:	MWC
Algorithm:	Cuckatoo31
Supply:	20 Million
Decimal:	8

Official Website: <https://www.mwc.mw/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=5119957>

Github: <https://github.com/mwcproject>

White Paper: <https://docs.mwc.mw/>

What Mimblewimble does differently is that this random sequence holds the information about both the amount and the owner, but does not reveal either of them - in the original paper, it only holds the information about the amounts. There is no notion of a script or an address in Mimblewimble, an output is just a single random sequence of characters. The main idea behind Confidential Transactions is that it proves that the sum of the input amounts minus the sum of the output amounts is zero but it does so in a way that does not reveal the amounts - this balance between the sums must also hold for every Bitcoin transactions (we're ignoring the fees for simplicity).



MOGCOIN

Ticker:	MOG
Token:	Ethereum
Supply:	420 Trillion
Decimal:	8

Official Website: <https://mogcoin.xyz/>

X: <https://x.com/MogCoin>

Github: Not Available

White Paper: Not Available

The idea for Mog began as a fun meme among friends, and in the Summer of 2023 the token was launched as a fair launch memecoin via a Uniswap V2 LP. Although it started as a joke among friends, when the project went live it became immediately clear that something truly special had been created. Mog immediately set itself apart from other projects through its open-ended memetic branding and unique content. The cultural underpinning of Mog, effortless cosmic domination, is an idea and mentality that anyone can adopt, and can be applied to any situation in life. It is simply about being the best version of yourself in anything that you do – being confident in yourself, your community, and your own success.



MONERO

Ticker:	XMR
Algorithm:	RandomX
Supply:	Infinite
Decimal:	8

Official Website: <https://www.getmonero.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=583449.0>

Github: <https://github.com/monero-project>

White Paper: <https://www.getmonero.org/resources/research-lab/>

Monero is more than just a technology. It's also what the technology stands for. Some of the important guiding philosophies are listed below. Users must be able to trust Monero with their transactions, without risk of error or attack. Monero gives the full block reward to the miners, who are the most critical members of the network who provide this security. Transactions are cryptographically secure using the latest and most resilient encryption tools available. Monero takes privacy seriously. Monero needs to be able to protect users in a court of law and, in extreme cases, from the death penalty. This level of privacy must be completely accessible to all users.



MX

Ticker:	MX
Token:	Ethereum
Supply:	418 Million
Decimal:	8

Official Website: <https://www.mexc.com/>

X: https://x.com/MEXC_Official

Medium: <https://medium.com/mexcglobal>

Learn: <https://www.mexc.com/learn>

MX tokens are the native utility tokens of the MEXC exchange, designed to empower the platform's ecosystem and reward its loyal users. Launched in 2018, MX tokens play a crucial role in various aspects of the MEXC platform, including fee reductions, referral fees, and exclusive access to amazing airdrop opportunities.

Built on the Ethereum blockchain as an ERC-20 token, MX tokens have established themselves as a versatile asset within MEXC's growing ecosystem. Holding MX tokens offers a wide range of advantages for users on the MEXC platform.



NEAR

Ticker:	NEAR
Algorithm:	TPoS
Supply:	1.23 Billion
Decimal:	8

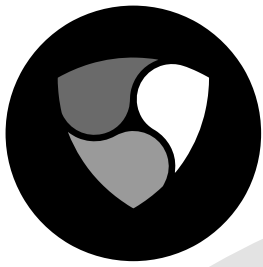
Official Website: <https://near.org/>

X: <https://x.com/nearprotocol>

Github: <https://github.com/near>

White Paper: <https://near.org/papers>

NEAR is a decentralized application platform with the potential to change how systems are designed, how applications are built and how the web itself works. It is a complex technology with a simple goal — allow developers and entrepreneurs to easily and sustainably build applications which secure high value assets like money and identity while making them performant and usable enough for consumers to access. To do this, NEAR is built from the ground up to deliver intuitive experiences for end users, scale capacity across millions of devices and provide developers with new and sustainable business models for their applications.



NEM

Ticker:	XEM
Algorithm:	Pol
Supply:	9 Billion
Decimal:	8

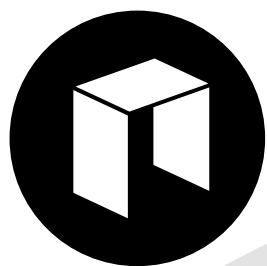
Official Website: <https://docs.nem.io/pages/>

X: <https://x.com/nemofficial>

Github: <https://github.com/bitcoin>

WP: <https://docs.nem.io/pages/Whitepapers/docs.en.html>

NEM's primary contribution to the crypto currency landscape is a new consensus mechanism called Proof of Importance (Pol). Unlike Proof of Work (PoW), it is environmentally sustainable and does not require large scale computing resources in perpetuity. Pol is similar to Proof of Stake (PoS) except that it is not solely derived from the size of an account's balance. It incorporates other behaviors that are believed to be positive for the holistic economy. In this way, it attempts to reward active economy participants at the expense of inactive ones and dampens the rich getting richer effect that is inherent to PoS.



NEO

Ticker:	NEO
Algorithm:	dBFT
Supply:	21 Million
Decimal:	8

Official Website: <https://neo.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=2057932.0>

Github: <https://github.com/neo-project>

White Paper: <https://bitcoin.org/bitcoin.pdf>

Neo X is an EVM-compatible sidechain incorporating Neo's distinctive dBFT consensus mechanism. Serving as a bridge between Neo N3 and the widely used EVM network, Neo X will play a crucial role in expanding the Neo ecosystem and offering developers more opportunities for innovation. Leveraging the dBFT consensus mechanism, Neo X employs a multi-node governance system. Seven consensus nodes collaboratively process transactions on-chain and participate in voting to determine parameters on the Neo X blockchain. The Neo X MainNet node version is based on the v1.13.11 Geth node implementation with the Shanghai hardfork.



NEXO

Ticker:	NEXO
Token:	Ethereum
Supply:	1 Billion
Decimal:	8

Official Website: <https://nexo.com/>

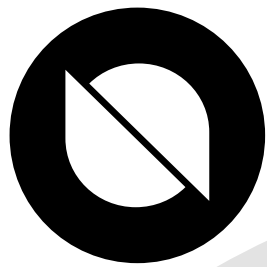
X: <https://x.com/Nexo>

Github: <https://github.com/nexofinance>

About: <https://nexo.com/about>

Imagine a world where your wealth moves as fast as you do. Where opportunities don't sleep, and neither do your assets. This is the future Nexo is building.

Blockchain applications and digital assets change the fundamentals of how we invest, save, and grow our financial resources. At Nexo, we recognize this evolution goes hand-in-hand with shifting lifestyles and expectations. We blend cutting-edge blockchain technology with time-tested financial principles, offering a platform where your assets can truly work for you.



ONTOLOGY

Ticker:	ONT
Algorithm:	VBFT
Supply:	1 Billion
Decimal:	8

Official Website: <https://ont.io/>
X: <https://x.com/OntologyNetwork>
Github: <https://github.com/ontio>
White Paper: <https://ont.io/about/>

The Ontology blockchain is a high speed, low cost public blockchain bringing decentralized identity and data solutions to Web3. Increasing privacy, transparency, and trust, the high speed, low cost, layer 2 blockchain is designed to give users and enterprises the flexibility to build blockchain-based solutions that suit their needs, while also ensuring regulatory compliance. Through Ontology's Ethereum Virtual Machine (EVM), Ontology ensures frictionless compatibility with Ethereum, the first step in the creation of the Ontology Multi-Virtual Machine and further interoperability for the chain.



ONYXCOIN

Ticker:	XCN
Token:	Ethereum
Supply:	48.4 Billion
Decimal:	8

Official Website: <https://onyx.org/>

X: <https://x.com/OnyxDAO>

Github: <https://github.com/Onyx-Protocol>

White Paper: <https://onyx.org/Whitepaper.pdf>

Onyx is a Layer 3 blockchain designed to enhance scalability, interoperability, and economic efficiency by leveraging Arbitrum Orbit's rollup technology, AnyTrust's data availability model, and Base Layer 2 for settlement. By optimizing transaction throughput while maintaining Ethereum's security guarantees, Onyx serves as a high-performance execution layer for decentralized applications (DApps), financial systems, and enterprise adoption. Built on Arbitrum Nitro, Onyx ensures full EVM compatibility while benefiting from advanced compression techniques and fraud-proof validation. With XCN as its native gas token, enabling transaction execution, staking, and decentralized governance through the Onyx DAO.



OPTIMISM

Ticker:	OP
Layer 2:	Ethereum
Supply:	21 Million
Decimal:	8

Official Website: <https://optimism.io/>

X: <https://x.com/Optimism>

Github: <https://github.com/ethereum-optimism>

White Paper: <https://community.optimism.io/>

The traditional web has inherited exploitative economic rulesets that limit power and influence in the hands of the few. The Optimism Collective aims to create a new internet that benefits all and is owned by all.

This internet will be sustained by rewarding public goods through Retro Funding.

The Optimism Collective is a new model of digital democratic governance. It is a band of communities, companies, and citizens united by the axiom of $\text{impact} = \text{profit}$ — the principle that positive impact to the Collective should be rewarded with profit to the individual.



OSMOSIS

Ticker:	OSMO
Algorithm:	IBC
Supply:	1 Billion
Decimal:	8

Official Website: <https://osmosis.zone/>

X: <https://x.com/osmosiszone>

Github: <https://github.com/osmosis-labs>

White Paper: <https://docs.osmosis.zone/>

Osmosis is the premier cross-chain DeFi hub. As the liquidity center and primary trading venue of Cosmos – the open, emergent ecosystem of sovereign Layer 1s connected with the Inter-Blockchain Communication protocol (IBC) – it is the access point for the wide world of appchains, the gateway to the interchain. As IBC continues to explode – with more than 50 blockchains connected and dozens more in development, including dYdX chain, and with teams working to enable IBC on Avalanche, Polkadot, NEAR, and others, potentially even Ethereum – Osmosis will be there to welcome new users, developers, and protocols to the Internet of Blockchains.



PANCAKESWAP

Ticker:	CAKE
Token:	Binance
Supply:	450 Million
Decimal:	8

Official Website: <https://pancakeswap.finance/>

X: <https://x.com/pancakeswap>

Github: <https://github.com/pancakeswap>

White Paper: <https://docs.pancakeswap.finance/>

PancakeSwap is the leading decentralized exchange on BNB Smart Chain. Pancake Swap is a noncustodial automated market maker implemented for the Ethereum Virtual Machine. In comparison to earlier versions of the protocol, Pancake Swap provides increased capital efficiency and fine-tuned control to liquidity providers, improves the accuracy and convenience of the price oracle, and has a more flexible fee structure. Automated market makers (AMMs) are agents that pool liquidity and make it available to traders according to an algorithm.



PEPE

Ticker:	PEPE
Token:	Ethereum
Supply:	420 Trillion
Decimal:	8

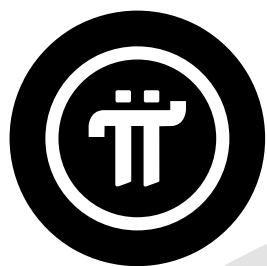
Official Website: <https://www.pepe.vip/>

X: <https://x.com/pepecoineth>

Github: Not Available

White Paper: Not Available

Pepe is tired of watching everyone play hot potato with the endless derivative SHIBA!@^#&*# Inu coins. The Inu's have had their day. It's time for the most recognizable meme in the world to take his reign as king of the internet. Pepe is here to make memecoins great again. \$PEPE is a coin for the people, forever. \$PEPE coin has no association with Matt Furie or his creation Pepe the Frog. This token is simply paying homage to a meme we all love and recognize. \$PEPE is a meme coin with no intrinsic value or expectation of financial return. There is no formal team or roadmap. The coin is completely useless and for entertainment purposes only.



PI NETWORK

Ticker:	PI
Algorithm:	SCP
Supply:	100 Billion
Decimal:	3

Official Website: <https://minepi.com/>

X: <https://x.com/PiCoreTeam>

Github: <https://github.com/pi-apps>

White Paper: <https://minepi.com/white-paper/>

To bring forth a better world of cryptocurrency, the Pi Founders knew they had to integrate theory and practice, applying what they learned in their Stanford PhDs in computer and social sciences to a real-world environment. After identifying key barriers to Crypto accessibility and adoption, the Pi Founders set out to build the next generation of web integrated with blockchain. Pi Network—officially launched on March 14, 2019 (Pi Day), with growing community participation ever since—is their solution. Today, the 35+ full-time Core Team members around the world strive to enable a large, passionate, and globally-spread-out community to make decentralized efforts toward a common purpose.



POLKADOT

Ticker:	DOT
Algorithm:	HMC
Supply:	Infinite
Decimal:	8

Official Website: <https://polkadot.com/>

X: <https://x.com/Polkadot>

Github: <https://github.com/paritytech>

WP: <https://polkadot.com/papers/Polkadot-whitepaper.pdf>

Polkadot is the powerful, secure heart of Web3, putting power back where it belongs—with you. It lets Web3's biggest trailblazers launch ideas at warp speed, with flexible start-up costs and a hyper-flexible builder environment.

Apps on Polkadot are built on top of a secure, resilient platform where decisions are driven by a lively community of DOT holders. With Polkadot, you're not just along for the ride, you're a co-creator helping to shape the future of our digital world. By making blockchain technology more secure, cost-effective, and collaborative, Polkadot is powering the movement for a better web.



POLYGON

Ticker:	MATIC
Layer 2:	Ethereum
Supply:	10 Billion
Decimal:	8

Official Website: <https://polygon.technology/>

X: <https://x.com/0xPolygon>

Github: <https://github.com/bitcoin>

White Paper: <https://polygon.technology/papers/pol-whitepaper>

Polygon, a “layer-2” solution, enhances the Ethereum network by working on top of it. It was initially called Matic Network and addressed Ethereum’s issues, like slow transactions and limited capacity, with a new sidechain approach. Polygon isn’t just a booster for Ethereum’s transaction handling; it’s a full-fledged platform that allows developers to create and customize their blockchains for specific needs. Polygon enhances the Ethereum network by easing congestion, like adding extra lanes to a busy highway. It speeds up transactions and reduces fees.



PRESEARCH

Ticker:	PRE
Token:	Ethereum
Supply:	1 Billion
Decimal:	8

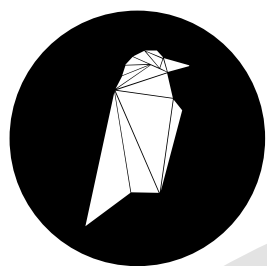
Official Website: <https://bitcoin.org/en/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=1967343.0>

Github: <https://github.com/PresearchOfficial>

White Paper: <https://presearch.io/uploads/WhitePaper.pdf>

Presearch is building a complete ecosystem to support the PRE token and provide the world with a decentralized search engine that is powered by the community, for the community. The Presearch Engine harnesses the power of a number of the world's top search engines and other data sources to provide users with a compelling search experience that offers great results, protects user privacy, provides more choice and control, and censorship-resistant. The Presearch Keyword staking platform enables advertisers to bid on keywords using PRE tokens to have their ads displayed. Whoever stakes or commits the most tokens to a keyword has their ad displayed.



RAVENCOIN

Ticker:	RVN
Algorithm:	KawPow
Supply:	21 Billion
Decimal:	8

Official Website: <https://ravencoin.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=3238497.0>

Github: <https://github.com/RavenProject>

White Paper: <https://ravencoin.org/whitepaper/>

Ravencoin is a blockchain and platform optimized for transferring assets, such as tokens, from one holder to another. Based on the extensive development and testing of the UTXO model of the Bitcoin protocol, Ravencoin is built on a fork of the Bitcoin code. Ravencoin is free and open source. All Ravencoin (RVN) are fairly issued and mined publicly and transparently using Proof of Work (POW) using the x16r algorithm which was created for Ravencoin. There is no private, public, founder, or developer allocation set aside. Ravencoin is intended to prioritize security, user control, privacy, and censorship resistance. It is open to use and development in any jurisdiction.



RENDER

Ticker:	RENDER
Token:	Ethereum
Supply:	21 Million
Decimal:	8

Official Website: <https://renderfoundation.com/>

X: <https://x.com/rendernetwork>

Github: <https://github.com/rendernetwork>

White Paper: <https://renderfoundation.com/whitepaper>

The Render Network provides near real-time rendering using a decentralized GPU processing model to meet users' increasing GPU compute needs — both for current 3D rendering tasks and for emerging 3D applications. The Network allows for a model that improves render speed for artists, while reducing costs and increasing scale.

It improves capital efficiency by utilizing idle GPU compute capability, and rewarding GPU providers for their service. It also creates the opportunity for open-access to a growing suite of render and render-related software providers.



SHIBA INU

Ticker:	SHIB
Token:	Ethereum
Supply:	589 Trillion
Decimal:	8

Official Website: <https://shibatoken.com/>

X: <https://x.com/Shibtoken>

Github: <https://github.com/shibaone>

White Paper: <https://docs.shib.io/>

Shiba Inu (SHIB) is a cryptocurrency token that has gained significant attention and popularity in the decentralized finance (DeFi) space. Launched in August 2020, SHIB is an experimental, community-driven project inspired by the popular meme culture surrounding the Shiba Inu dog breed.

The SHIB token is built on the Ethereum blockchain, making it an ERC-20 token. Like other DeFi projects, SHIB operates on the principles of decentralization, transparency, and community governance. It embraces the ethos of decentralization and collective decision-making, where community members actively shape the project's direction.



SIACoin

Ticker:	SIA
Algorithm:	BLAKE2B
Supply:	Infinite
Decimal:	8

Official Website: <https://sia.tech/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=1060294.0>

Github: <https://github.com/SiaFoundation>

White Paper: <https://sia.tech/sia.pdf>

Sia is an actively developed decentralized storage platform. Users all over the world contribute disk storage from their computers to form a decentralized network. Anybody with siacoins can rent storage from this network, and hosts are paid for their contributions. A combination of smart contracts, erasure coding, and encryption ensure secure, private, and reliable decentralized storage. A smart contract on the blockchain ensures through the use of cryptographic proofs of storage that hosts are only paid if they keep the file for the entire duration of the contract. Employment of erasure codes such as Reed Solomon codes guarantees high file uptime.



SOLANA

Ticker:	SOL
Algorithm:	PoS/H/Rep
Supply:	Infinite
Decimal:	8

Official Website: <https://solana.com/>

X: <https://x.com/solana>

Github: <https://github.com/solana-labs>

White Paper: <https://solana.com/solana-whitepaper.pdf>

Solana is the blockchain built for scalability — it regularly processes more transactions than most other blockchains combined, its low costs allow businesses to reach the masses without breaking the bank, and its composability allows businesses to build holistic experiences using the latest innovative tech in the Solana ecosystem. And new upgrades on the horizon, such as token22 and private networks, are bringing more features large businesses want in a blockchain network. Supported by one of the biggest names in tech. Google Cloud currently runs a Solana validator node to help to secure the network. The tech giant will soon be adding Solana data to bigQuery.



STELLAR

Ticker:	XLM
Algorithm:	SCP
Supply:	50 Billion
Decimal:	8

Official Website: <https://stellar.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=1428573.0>

Github: <https://github.com/stellar>

White Paper: <https://stellar.org/learn/stellar-consensus-protocol>

Stellar empowers builders to unlock human and economic potential. It combines a powerful, decentralized blockchain network with a global ecosystem of innovators to create opportunities as borderless as ideas. It offers the tools to make a difference in the real world through new digital asset products and services that enhance access to the global financial system. Stellar is a decentralized, public blockchain that gives developers the tools to create experiences that are more like cash than crypto. The network is faster, cheaper, and far more energy-efficient than most blockchain-based systems. It's designed so Stellar's ecosystem can make a real-world, lasting impact.



SUI

Ticker:	SUI
Algorithm:	Mysticeti
Supply:	10 Billion
Decimal:	8

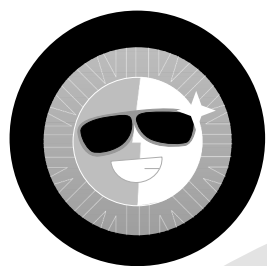
Official Website: <https://sui.io/>

X: <https://x.com/SuiNetwork>

Github: <https://github.com/MystenLabs>

White Paper: <https://sui.io/research>

Blockchain favors people over platforms. It can remove untrustworthy intermediaries and protect our privacy. Direct digital ownership offers everyone greater control, allowing us to realize the value of the internet. We believe in this vision. But we believe it must be delivered with the utmost security, accessibility, and creativity. Sui is a decentralized permissionless smart contract platform biased towards low-latency management of assets. It uses the Move programming language to define assets as objects that may be owned by an address. Move programs define operations on these typed objects including custom rules for their creation, the transfer of these assets to new owners, and operations that mutate assets.



SUN TOKEN

Ticker:	BTC
Token:	Tron
Supply:	19.9 Billion
Decimal:	8

Official Website: <https://sun.io/#/home>

X: https://x.com/defi_sunio

Github: <https://github.com/sunswapteam>

White Paper: https://sun.io/docs/SUN_V2_Whitepaper_en.pdf

SUN.io was founded to foster the growth of TRON's DeFi ecosystem. Thanks to the community and open-source smart contracts, SUN.io has established ties with other DeFi projects on the TRON public chain through decentralized liquidity mining. SUN.io aims to build an integrated DEX ecosystem with a high level of functionality, profitability and security by leveraging multiple transaction protocols. It provides various incentives for participants, including rewards of transaction fees offered to liquidity market makers, liquidity mining of LP Tokens and staking rewards of the SUN token. Meanwhile, the burning mechanism of SUN and the voting rights of SUN holders together form a closed-loop ecosystem.



SUSHI

Ticker:	SUSHI
Token:	Ethereum
Supply:	Infinite
Decimal:	8

Official Website: <https://www.sushi.com/ethereum/swap>

X: <https://x.com/sushiswap>

Github: <https://github.com/sushiswap>

White Paper: <https://docs.sushi.com/what-is-sushi>

Sushi, often called SushiSwap, is a popular decentralized finance (DeFi) platform best known for its Automated Market Maker (AMM). A community-driven fork of Uniswap with a unique twist: Sushi integrated additional staking features and governance options via its native token, SUSHI. It has expanded into a multifaceted ecosystem offering various DeFi products such as an aggregator, an AMM, and token staking mechanisms. Sushi's aggregator searches across various decentralized exchanges (DEXs) to find the best token swap prices for users. At the heart of Sushi is its AMM, which powers token swaps by using liquidity pools instead of traditional order books.



SYNTHETIX

Ticker:	SNX
Token:	Ethereum
Supply:	339 Million
Decimal:	8

Official Website: <https://www.synthetix.io/>

X: https://x.com/synthetix_io

Github: <https://github.com/Synthetixio>

White Paper: <https://docs.synthetix.io/>

Synthetix is a DAO-governed, decentralized finance (DeFi) protocol that provides liquidity, infrastructure, and derivatives products for users and protocols. Our mission is to provide all traders and builders a best-in-class experience. SynthetixAI is a groundbreaking integration of artificial intelligence within the SynthetiX protocol, aimed at revolutionizing the DeFi landscape. SynthetiX is a layer-2 built on Ethereum chain. SynthetiX creates an open space for experimentation, which has led to the emergence of thousands of decentralized applications, with a wide variety of different use cases with an array of use cases.



TEZOS

Ticker:	XTZ
Algorithm:	PoS
Supply:	1 Billion
Decimal:	8

Official Website: <https://www.tezos.com/>

X: <https://x.com/tezos>

Github: <https://github.com/tezos>

White Paper: <https://tezos.com/whitepaper.pdf>

Tezos started out as a monolithic blockchain, where every node replicates all activity. One layer, one execution environment. However, scaling a monolithic blockchain means that requirements for computing power and internet bandwidth for all node operators increase as activity on the network increases. This is not sustainable and can result in centralization, as only those with enough resources to run high-end hardware remain able to secure the network. In order to scale and maintain decentralization, Tezos has evolved from a monolithic to a modular design, where interconnected groups of nodes take on different roles while maintaining an integrated experience for builders and users.



THE GRAPH

Ticker:	GRT
Token:	Ethereum
Supply:	10.8 Billion
Decimal:	8

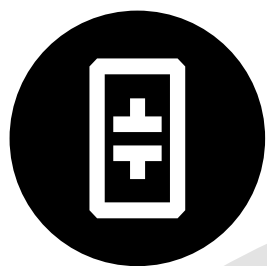
Official Website: <https://thegraph.com/>

X: <https://x.com/graphprotocol>

Github: <https://github.com/graphprotocol>

White Paper: <https://thegraph.com/docs/en/>

The Graph is a powerful decentralized protocol that enables seamless querying and indexing of blockchain data. It simplifies the complex process of querying blockchain data, making dapp development faster and easier. Projects with complex smart contracts such as Uniswap and NFTs initiatives like Bored Ape Yacht Club store data on the Ethereum blockchain. Indexing blockchain data is very difficult, but The Graph makes it easy. The Graph learns how to index Ethereum data by using Subgraphs. Subgraphs are custom APIs built on blockchain data that extract data from a blockchain, processes it, and stores it so that it can be seamlessly queried via GraphQL.



THETA NETWORK

Ticker:	THETA
Algorithm:	ML-BFT
Supply:	1 Billion
Decimal:	8

Official Website: <https://www.thetatoken.org/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=2451089.0>

Github: <https://github.com/thetatoken>

White Paper: <https://www.thetatoken.org/docs>

Theta Edge Network is a decentralized network consisting of over 10,000 active global nodes with 80 PetaFLOPS of always available distributed GPU compute power, equivalent to 250 Nvidia A100s. Theta Edge Network powers the Theta EdgeCloud, a leading hybrid cloud-edge AI computing platform. All Theta community members will be able to participate and share in the rewards from EdgeCloud AI, video, 3D rendering and gaming compute jobs. While chatbots like ChatGPT and others utilize GPUs, new generative AI models such as text-to-video, text-to-3D and sketch-to-3D will require 10-100x the amount of computational power.



TONCOIN

Ticker:	TON
Algorithm:	PoS
Supply:	Infinite
Decimal:	9

Official Website: <https://ton.org/>

X: https://x.com/ton_blockchain

Github: <https://github.com/ton-blockchain>

White Paper: <https://ton.org/whitepaper.pdf>

The “The Open Network” (TON) is a fast, secure and scalable blockchain and network project, capable of handling millions of transactions per second if necessary, and both user-friendly and service provider-friendly. We aim for it to be able to host all reasonable applications currently proposed and conceived. Think about TON as a huge distributed supercomputer, or a huge superserver, intended to host and provide a variety of services. Some particulars are likely to change during the development and testing phases. While the TON Blockchain is the core of the TON project, and the other components considered as a supportive role for the blockchain.



TOSHI

Ticker:	TOSHI
Token:	Base
Supply:	420 Billion
Decimal:	8

Official Website: <https://www.toshithecat.com/>

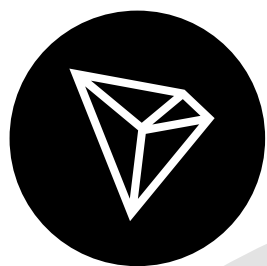
X: https://x.com/toshi_base

Github: <https://github.com/ToshiTheCat>

White Paper: <https://toshi-the-cat.gitbook.io/toshi-on-base>

\$TOSHI is a memecoin named after Coinbase co-founder Brian Armstrong's cat and the pseudonymous creator of Bitcoin, Satoshi Nakamoto. Toshi serves as the face and mascot of the Base blockchain. Toshi has its roots in traditional memecoin territory with the nascency of Base.

NFToshis 2.0 isn't just a new collection; it's a complete overhaul designed to offer a more engaging and visually appealing experience. The collection will consist of 5,000 unique NFTs, each carefully crafted to embody the spirit of Toshi's rebranding. Whether you're an OG holder or new to the Toshi community, NFToshis 2.0 offers something special for everyone.



TRON

Ticker:	TRX
Algorithm:	dPoS
Supply:	Infinite
Decimal:	8

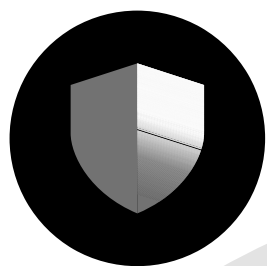
Official Website: <https://tron.network/>

X: <https://x.com/trondao>

Github: <https://github.com/tronprotocol>

WP: https://tron.network/static/doc/white_paper_v_2_0.pdf

TRON is dedicated to accelerating the decentralization of the Internet via blockchain technology and decentralized applications. Founded in September 2017 by H.E. Justin Sun, the TRON network has continued to deliver impressive achievements since MainNet launch in May 2018. July 2018 also marked the acquisition and the ecosystem integration of BitTorrent, a pioneer in decentralized services boasting nearly 100M monthly active users. The TRON network has gained incredible traction in recent years, with over 293 million users on the blockchain and upwards of 9.8 billion transactions. In addition, TRON hosts the largest circulating supply of stablecoins across the globe.



TRUST WALLET

Ticker:	TWT
Token:	Binance
Supply:	1 Billion
Decimal:	8

Official Website: <https://trustwallet.com/>

X: <https://x.com/trustwallet>

Github: <https://github.com/trustwallet>

White Paper: <https://developer.trustwallet.com/developer>

Trust Wallet Token (TWT) is a utility token that will be used to incentivize all Trust Wallet users. The goal of the Trust Wallet team is to make cryptocurrencies more accessible. By distributing TWT, it will help spread awareness and gives everyone a chance to own their very first crypto. The token is available in both Binance Chain and Binance Smart Chain. TWT is a governance token that will be used by anyone who wants to take part in making decisions for adding new blockchain support, tokens and product features. Holding TWT will allow anyone to participate in the Trust Wallet Governance Portal.



UNISWAP

Ticker:	UNI
Token:	Ethereum
Supply:	1 Billion
Decimal:	8

Official Website: <https://app.uniswap.org/>

X: <https://x.com/Uniswap>

Github: <https://github.com/Uniswap>

White Paper: <https://app.uniswap.org/whitepaper-v3.pdf>

Uniswap v3 is a noncustodial automated market maker implemented for the Ethereum Virtual Machine. In comparison to earlier versions of the protocol, Uniswap v3 provides increased capital efficiency and fine-tuned control to liquidity providers, improves the accuracy and convenience of the price oracle, and has a more flexible fee structure. Uniswap v3, a novel AMM that gives liquidity providers more control over the price ranges in which their capital is used, with limited effect on liquidity fragmentation and gas inefficiency. This design does not depend on any shared assumption about the price behavior of the tokens. The defining idea of Uniswap v3 is concentrated liquidity.



USDC

Ticker:	USDC
Token:	Multi-Chain
Supply:	Infinite
Decimal:	8

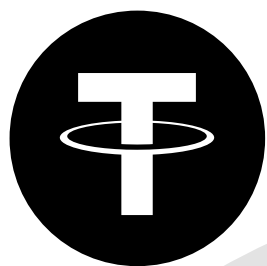
Official Website: <https://www.circle.com/usdc>

X: <https://x.com/circle>

Github: <https://github.com/centrehq>

White Paper: <https://www.circle.com/legal/mica-usdc-whitepaper>

USDC works seamlessly across applications and platforms around the globe, using blockchain infrastructure that's faster, less expensive, and more customizable than legacy rails. USDC is regulated and fully reserved. Reserves are transparently held at regulated financial institutions with published monthly attestations. USDC transactions can settle in seconds worldwide. All day, every day. Circle stablecoin reserve composition and monthly attestations are publicly available, so you always know USDC is redeemable 1:1 for US dollars. USDC reserves are held in the management and custody of leading financial institutions designed to provide holders with ready liquidity.



USD TETHER

Ticker:	USDT
Token:	Multi-Chain
Supply:	Infinite
Decimal:	8

Official Website: <https://tether.to/en/>

X: https://x.com/tether_to

Github: <https://github.com/tethercoin/USDT>

White Paper: <https://tether.to/en/whitepaper/>

Launched in 2014, Tether is a blockchain-enabled platform designed to facilitate the use of fiat currencies in a digital manner. Tether works to disrupt the conventional financial system via a more modern approach to money. Tether has made headway by giving customers the ability to transact with traditional currencies across a blockchain, without the inherent volatility and complexity typically associated with a digital currency. As the first blockchain-enabled platform to facilitate the digital use of traditional currencies (a familiar, stable accounting unit), Tether tokens are the most widely adopted stablecoins, having pioneered the concept the digital token space and on multiple blockchains.



VECHAIN

Ticker:	VET
Algorithm:	PoA
Supply:	86.7 Billion
Decimal:	8

Official Website: <https://vechain.org/>

X: <https://x.com/vechainofficial>

Github: <https://github.com/vechain>

White Paper: <https://vechain.org/vision/>

VechainThor is a constantly evolving public blockchain committed to helping global enterprises and governments achieve Sustainable Development Goals (SDGs) efficiently, quickly, and at low cost. VechainThor's unique Proof-of-Authority consensus mechanism allows for fast and secure transaction processing by a group of trusted nodes. Additionally, VechainThor is designed to handle many transactions per second, making it suitable for use by solutions that demand scalability and high-volume processing of transactions. Two-token Design embedded within VechainThor include vechain token (VET) and veThor (VTHO).



VERGE

Ticker:	XVG
Algorithm:	Multi-Algo
Supply:	15.5 Billion
Decimal:	8

Official Website: <https://vergecurrency.com/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=1365894.0>

Github: <https://github.com/vergecurrency>

Black Paper: <https://vergecurrency.com/faq/>

Verge is a multi-algorithm enabled proof-of-work based cryptocurrency that is designed to enable people with different types of mining devices to have equal access to earning coins. Verge (XVG) was originally created based on the idea of providing end-user identity obfuscation suited for everyday use. It is one of the few cryptocurrencies to support 5 hash functions combined on one blockchain. This results in increased security due to a wider range of people and devices that can mine Verge. The 5 algorithms supported on the Verge network are: Scrypt, X17, Lyra2rev2, myr-groestl and Blake2s. All 5 algorithms have a 30-second block target time and the difficulty is influenced only by the algorithms hash rate.



VERUS

Ticker:	VRSC
Algorithm:	VerusHash
Supply:	83 Million
Decimal:	8

Official Website: <https://verus.io/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=4070404.0>

Github: <https://github.com/VerusCoin>

White Paper: <https://verus.io/papers>

Verus is an open-source, fairly launched, decentralized blockchain protocol with proof-of-work and proof-of-stake as its consensus mechanism. It offers rent-free blockchain tools for creators and organizations to build products, services and systems. Verus is a multichain protocol with strong focus on scalability, security and decentralization. It can scale to world demand, is proven 51% hash attack resistant and is community built - all coins in circulation are fairly mined and staked. With Public Blockchains as a Service (PBaaS) anyone can launch scalable, fully interoperable, customizable and independent blockchains for public or private use.



WAX

Ticker:	WAXP
Algorithm:	DPoS
Supply:	21 Million
Decimal:	8

Official Website: <https://www.wax.io/>

X: https://x.com/WAX_io

Github: <https://github.com/worldwide-asset-exchange>

WP: <https://github.com/worldwide-asset-exchange/whitepaper>

The WAX Protocol is a DPoS blockchain designed to scale in conjunction with a microservice layer that provides specialized infrastructure for building digital goods marketplaces. The Worldwide Asset eXchange aka WAX is a decentralized blockchain-based technology platform that enables users to create and trade in non-fungible tokens and other assets capable of digital transmission over peer-to-peer networks utilizing blockchain technologies (“Digital Assets”). The knowledge required to construct interconnected and highly sophisticated marketplace services comes from the team’s 20+ years’ experience building digital goods businesses.



WBTC

Ticker:	WBTC
Token:	Ethereum
Supply:	21 Million
Decimal:	8

Official Website: <https://www.wbtc.network/>

X: <https://x.com/WrappedBTC>

Github: <https://github.com/WrappedBTC>

WP: <https://wbtc.network/assets/wrapped-tokens-whitepaper.pdf>

Wrapped tokens follow the centralized model, but instead of relying entirely on one institution, they rely on a consortium of institutions performing different roles in the network. This whitepaper proposes a framework for issuing asset backed tokens by addressing challenges with scalability, trust, regulation, and governance. The first wrapped token we launch will be an ERC20 token backed by Bitcoin (BTC) and will be appropriately named, "Wrapped BTC" (WBTC). Unlike centralized solutions (USD), WBTC will be fully accounted for and proof of reserves posted on the BTC chain. There is no additional secondary utility/payment token required to use WBTC, with only blockchain fees.



XRP

Ticker:	XRP
Algorithm:	RPCA
Supply:	100 Billion
Decimal:	8

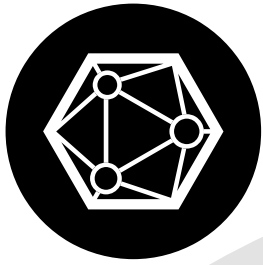
Official Website: <https://ripple.com/>

X: <https://x.com/Ripple>

Github: <https://github.com/ripple>

WP: https://ripple.com/files/ripple_consensus_whitepaper.pdf

Consensus is the most important property of any decentralized payment system. In traditional centralized payment systems, one authoritative administrator gets the final say in how and when payments occur. Decentralized systems, by definition, don't have an administrator to do that. Instead, decentralized systems like the XRP Ledger define a set of rules all participants follow, so every participant can agree on the exact same series of events and their outcome at any point in time. We call this set of rules a consensus protocol. This protocol is still evolving, as is our knowledge of its limits and possible failure cases. For academic research on the protocol itself.



XYO NETWORK

Ticker:	XYO
Token:	Ethereum
Supply:	13.9 Billion
Decimal:	8

Official Website: <https://xyo.network/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=3040825.0>

Github: <https://github.com/XYOOracleNetwork>

White Paper: <https://docs.xyo.network/XYO-White-Paper.pdf>

The goal of the XYO Network is to create a trustless, decentralized system of location oracles that is resistant to attack and produces the highest certainty possible when queried for available data. XYO is a pioneering technology ecosystem designed to bridge the gap between the physical and digital worlds through decentralized networks. DePIN (Decentralized Physical Infrastructure Network) is a revolutionary way to connect real-world data to the blockchain. XYO is at the forefront of this movement, allowing any device to participate in DePIN and contribute valuable, verifiable data. This is the foundation of Web5, a vision of a more open and user-controlled internet.



ZCASH

Ticker:	ZEC
Algorithm:	EquiHash
Supply:	21 Million
Decimal:	8

Official Website: <https://z.cash/>
X: <https://x.com/ZcashFoundation>
Github: <https://github.com/zcash>
White Paper: <https://z.cash/learn/>

Zcash is private, fast, and accessible for everyone. Use your mobile phone or computer to privately pay a friend, send money overseas, buy groceries, or send a donation to a worthy cause. Zcash is a cryptocurrency built to empower economic freedom. It is similar to Bitcoin in its design — in fact, Zcash was created from the original Bitcoin code base — but it uses a privacy technology that encrypts transaction information and allows users to shield their assets. Zcash was conceived by scientists at MIT, Johns Hopkins, and other respected academic and scientific institutions. You can buy or trade Zcash on most major exchanges, like Gemini and Coinbase.



ZETACHAIN

Ticker:	ZETA
Algorithm:	PoS
Supply:	2.1 Billion
Decimal:	8

Official Website: <https://www.zetachain.com/>

X: <https://x.com/zetablockchain>

Github: <https://github.com/zeta-chain>

White Paper: <https://www.zetachain.com/whitepaper.pdf>

ZetaChain, a blockchain with generic omnichain smart contract support that connects both smart contract blockchain such as Ethereum, Ethereum L2 rollups, Solana, Terra, and Algorand, and even non smart contract blockchains such as Bitcoin and Dogecoin. ZetaChain consists of a Proof-of-Stake blockchain and observers and signers for external blockchains. The observers scan external chains for relevant events, transactions, and states at a point in time, and reach consensus on observation on ZetaChains blockchain. ZetaChain enables omnichain dApps that interact with different blockchains natively and directly without wrapping or bridging any assets.



ZILLIQA

Ticker:	ZIL
Algorithm:	ETCHASH
Supply:	21 Billion
Decimal:	8

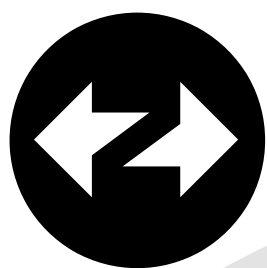
Official Website: <https://www.zilliqa.com/>

Bitcointalk: <https://bitcointalk.org/index.php?topic=2219655>

Github: <https://github.com/Zilliqa>

White Paper: <https://docs.zilliqa.com/whitepaper.pdf>

ZILLIQA is a redesign from scratch and was under research and development for over 2 years. The cornerstone in ZILLIQA's design is the idea of sharding, dividing the mining network into smaller consensus groups called shards each capable of processing transactions in parallel. If the mining network of ZILLIQA is say 8000 miners, ZILLIQA automatically creates 10 sub-networks, each of size 800 miners without a trusted co-ordinator. If one sub-network can agree on a set of 100 transactions in one time epoch, then 10 sub-networks agree on a total of 1000 transactions. The key to aggregating securely is ensuring sub-networks process transactions without double-spending.



ZKSYNC

Ticker:	ZK
Algorithm:	DPoS
Supply:	21 Billion
Decimal:	8

Official Website: <https://www.zksync.io/>

X: <https://x.com/zksync>

Github: <https://github.com/matter-labs>

White Paper: <https://docs.zksync.io/>

ZKsync Era is a Layer 2 ZK rollup, a trustless protocol that uses cryptographic validity proofs to provide scalable and low-cost transactions on Ethereum. In ZKsync Era, computation is performed off-chain and most data is stored off-chain as well. Transactions are bundled into batches before generating a validity proof. As all validity proofs are proven on Ethereum, users enjoy the same security warranties as in the L1. ZKsync Era is made to look and feel like Ethereum, but with a higher throughput and lower fees. Just like on Ethereum, smart contracts are written in Solidity/Vyper and can be called using the same clients as in other EVM-compatible chains.

MINEABLE COINS DIRECTORY

Aleo
Alephium
Arqma
Auroracoin
Avian
Beam
Bellscoin
Bitcoin
Bitcoin Cash
Bitcoin Gold
Bitcoin SV
Bytecoin
Cheetah Coin
Chia
Clore
Cortex
Dagger
Dash
Decred
Deep Onion
Dero
Digibyte
Dingocoin
Dogecoin
DogMCoin
Dynexcoin
ECash
Elastos
Epic Cash
Ergo
Ethereum Classic
EthereumPOW
EVRMORE
Firo
Flux
Global Boost-Y
Grin
Goestlcoin
Hathor
Horizen
Ironfish
Kadena
Kaspa
Komodo
Kylacoin
LBRY Credits
Litecoin
Litecoin Cash
LitecoinZ
Lyncoin

Meowcoin
Microbitcoin
Mimble Wimble
Monacoin
Monero
Myriad
Nengcoin
Neoxa
Nervos Network
Neurai
Nexa
Octaspace
Peercoin
Pepecoin
Phicoins
Pirate Chain
Quai
QRL Quantum Resistant Ledger
Quarkchain
Qubit
Radiant
Raptorem
Ravencoin
Ravencoin Classic
Ryo Currency
Salvium
Scala
SCPrime
Sedra
Shiba Inu Coin
Siacoin
Signa
Skydoge
Super Zero
Syscoin
Tidecoin
Trezarcoin
Verge
Vertcoin
Verus
Warthog
Xaya
Xelis
YenTen
Zano
ZCash
ZClassic
Zephyr Protocol
Zilliqa



ALEO

Hardware:	GPU, ASIC
Algorithm:	zkSNARK
Current Supply:	344 Million*
Remaining:	1.3 Billion

Block Explorer: <https://aleoscan.io/>

Wallet: <https://www.leo.app/>

Pools: <https://miningpoolstats.stream/aleo>

Miner: <https://f2pool.io/mining/guides/how-to-mine-aleo/>

ALEO mining is restricted to GPU and ASIC miners but it also offers PoS so you can buy ALEO and stake it in your wallet to earn rewards. Mining is easy for ALEO and fairly straight forward. ALEO has a lot of room for growth and development, but also does not have a programmed hard limit for the coin which could be great for the economy and function of the network but not as a store of wealth. The synergy between mining rewards and staking rewards can make ALEO a great choice for miners. This coin is in it's early stages and looks very promising. After a successful launch of mainnet in September of 2024 ALEO has seen a huge rise in popularity and even ASIC development.



ALEPHIUM

Hardware:	ASIC
Algorithm:	Blake3
Current Supply:	105 Million*
Remaining:	800 Million

Block Explorer: <https://explorer.alephium.org/>

Wallet: <https://alephium.org/#wallets>

Pools: <https://miningpoolstats.stream/alephium>

Miner: <https://github.com/Lolliedieb/lolMiner-releases/releases>

Alephium is great for people who like simple. The ASIC miners are simple to setup and use. The User Interface and experience is as straight forward and well made as you can get currently. Blake3 miners are usually available and usually have great options when it comes to cost, performance and power consumption. There are quite a few low power ASIC options for the Blake3 algorithm. Alephium ecosystem is growing rapidly and mining is working well so far. Get started today with very little money for an ASIC miner and just set it and forget it. Check out [alph.land](https://alephium.org) to see more about the ecosystem and offerings. Anything from DeFi to gaming it's being developed on Alephium.



ARQMA

Hardware:	CPU
Algorithm:	RandomARQ
Current Supply:	27.3 Million*
Remaining:	22,664,128

Block Explorer: <https://explorer.arqma.com/>

Wallet: <https://github.com/arqma/arqma-electron-wallet/releases/>

Pools: <https://miningpoolstats.stream/arqma>

Miner: <https://xmrig.com/download>

Arqma is a project that was focused on solving 50% attacks. The RandomARQ algorithm is fast and efficient. This algorithm and coin make getting started in crypto very easy. Wallet setup and backup are very easy. Since Arqma is a fork of Monero it shares the same core and has a similar feel inside the wallet. PoS and PoW makes Arqma a great investment for miners and it's early enough to start mining for anyone with basically any computer. Pool minimum payouts are low so it's great for beginners. This algorithm is also great for conversion mining, so you'll mine the algorithm RandomARQ but get paid out in Monero or other assets that would be less efficient to mine directly.



AURORA COIN

Hardware:	Mixed
Algorithm:	Multi-Algo
Current Supply:	19.8 Million*
Remaining:	1163882 (5%)

Block Explorer: <https://chainz.cryptoid.info/aur/>

Wallet: <https://en.auroracoin.is/>

Pools: <https://miningpoolstats.stream/auroracoin-sha>

Miner: Algo Dependent

Aurora Coin uses a mult POW algorithm configuration. This allows for more decentralization and equal chances at mining even if you have different hardware. Aurora Coin would need massive adoption and potentially will need massive updates in order to keep up with other multi-algo chains for example Digibyte, due to the smart contract layers and higher output. Aurora Coin seems to be struggling through the years but is still here which says a lot. Strong community and decent mining rates. Aurora Coin could be a great option for some miners as a conversion coin. It currently is easier to mine than some tokens with the same algos so older equipment can still mine efficiently.



AVIAN

Hardware:	GPU, CPU
Algorithm:	Multi-Algo
Current Supply:	7.2 Billion*
Remaining:	13.8 Billion

Block Explorer: <https://explorer.avn.network/>

Wallet: <https://www.avn.network/en/wallets>

Pools: <https://miningpoolstats.stream/avian-x16rt>

Miner: <https://www.awesomeminer.com/>

Avian is a fork of Ravencoin Lite. It's dual algorithm. GPU and CPU miners are welcome. This coin is really early, not even half of the coin are distributed so far and this coin should have a decent life with CPU and GPU algorithm support. Ravencoin and it's forks have always been welcome in my opinion. Ravencoin is highly optimized for miners and so are it's forks. This allows for many of us with different equipment, just entering the crypto scene or mining and other reasons to get started with something new and innovative. This coin is early so adoption of miners and community is needed to keep these chains functional and worth while. Minotaur X is a great algorithm for CPU miners.



BEAM

Hardware:	GPU
Algorithm:	BEAMHASH
Current Supply:	178 Million*
Remaining:	85 Million

Block Explorer: <https://explorer.beam.mw/>

Wallet: <https://www.beam.mw/downloads>

Pools: <https://miningpoolstats.stream/beam>

Miner: <https://github.com/Lolliedieb/lolMiner-releases/releases>

Beam is built on Mimble Wimble and is focused on privacy. This custom algorithm is the backbone of Beam and functions flawlessly. Beam is very easy to mine but is only available for GPU miners. I would recommend anyone with an RTX and 2xxx Gen Nvidia cards or equivalent to mine Beam and anyone with GTX 1xxx cards or equivalent might find better hashing power or profitability from another coin/algorithm. Don't let this discourage you from mining the coin if you are interested in Beam. Even if you can't mine efficiently you can still contribute hash and help decentralize this network itself. Great ecosystem with Atomic Swaps and Smart Contracts.



BELLSCOIN

Hardware:	ASIC
Algorithm:	SCRIPT
Current Supply:	60 Million*
Remaining:	440 Million

Block Explorer: <https://bells.quark.blue/>

Wallet: <https://bellscoin.com/>

Pools: <https://miningpoolstats.stream/bellscoin>

Miner: <https://cgminer.info/>

Bellscoin brings the world of Script mining into the smart contract era. Bellscoin is part of the <https://nintendo.io/> brand and continues to grow at a rapid pace. With merge mining and not many competitors, Bellscoin is in a unique position in the market. I can see the hashrate always being supported whether directly or indirectly which is a win win for the ecosystem and the Bellscoin holders. There is so much room to grow in terms of Tokenization, Defi and so much more. Bellscoin could be the next decentralized Proof of Work Ethereum style chain. Hopefully the team and the brand will continue to innovate and bring new and exciting ideas to their chain.



BITCOIN

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	19.8 Million*
Remaining:	1163882 (5%)

Block Explorer: <https://blockchair.com/bitcoin>

Wallet: <https://github.com/bitcoin/bitcoin/releases>

Pools: <https://miningpoolstats.stream/bitcoin>

Miner: <https://cgminer.info/>

Mining Bitcoin will require a specialized piece of mining hardware called an ASIC, or ASIC Miner. These miners range from a small USB Miners, Desktop Miners and Industrial scale miners. This allows for anyone to begin mining Bitcoin from anywhere in the world. Most of today's Bitcoin is mined by huge facilities called Mining Farms that are filled with ASIC miners, usually strategically placed and designed for the least expensive and most readily available electricity. Bitcoin is getting to a point where a lot of desktop miners will struggle to actually pull Bitcoin because pool payouts are getting to be very high due to the price of Bitcoin going up rapidly.



BITCOIN CASH

Hardware:	BCH
Algorithm:	SHA-256
Current Supply:	19.8 Million*
Remaining:	1.11 Million

Block Explorer: <https://blockchair.com/bitcoin-cash>

Wallet: <https://bch.info/en/wallets>

Pools: <https://miningpoolstats.stream/bitcoincash>

Miner: <https://cgminer.info/>

Bitcoin's price is starting to get extremely high, which is great except for small home miners. If payout is at minimum \$100 this will actually push a lot of small miners out of mining. They will either solo mine, get very little or perhaps nothing or wait a very long time for a pool payout. This is where Bitcoin Cash will shine. It's fast and easy to use, but most of all it's still inexpensive. This is not always a bad thing if you are a miner. BCH is easier to mine but even better it's cheaper to use. The block fees are next to nothing and pool payouts are easy to reach, and this is why Bitcoin Cash will be one of the main Alt coin chains mined in the future after Bitcoin is above \$100k on average.



BITCOIN GOLD

Hardware:	GPU
Algorithm:	EquiHash
Current Supply:	17.5 Million*
Remaining:	3.5 Million

Block Explorer: <https://btgexplorer.com/>

Wallet: <https://btgofficial.org/downloads/index.html>

Pools: <https://miningpoolstats.stream/bitcoingold>

Miner: <https://lolminer.site/>

Bitcoin Gold is not just a fork of Bitcoin but uses a different algorithm called EquiHash 144,5. This algorithm is optimized for GPU miners. This was by design because the founders of Bitcoin Gold believed the Bitcoin Mining was becoming to centralized from ASIC miners and Bitcoin mining farms. There is still a good amount of coin to be distributed on the network. Hash rates are at an all time low in 2025 so it's easy to mine and a perfect time to get in. Watch for the BTG to BTC merge in 2025 and see what happens with this chain. There are ideas for a new AI, app deployment and more. BTG could have some big new in the future.



BITCOIN SV

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	19.8 Million*
Remaining:	1163882 (5%)

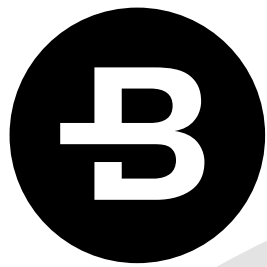
Block Explorer: <https://whatsonchain.com/>

Wallet: <https://github.com/bitcoin/bitcoin/releases>

Pools: <https://miningpoolstats.stream/bitcoin>

Miner: <https://cgminer.info/>

Bitcoin SV is the original Bitcoin Code. The Bitcoin you know today is actually a fork. Bitcoin SV makes no sacrifice on the original Satoshi Vision. Bitcoin SV is more private, faster, inexpensive. Mining is the same as any SHA-256 chain but in time BSV will grow and so will the chain. A lot of miners will move to BSV when the price of BTC gets to high. This is a byproduct of the cost of the network and rising minimum payouts required by pools for BTC. We are some time away but should prove true, which will make BSV a much more important asset in the digital asset class. Anyone wanting to get involved in Bitcoin at home but feel you are to late BSV is a perfect option for you.



BYTECOIN

Hardware:	CPU
Algorithm:	CryptoNight
Current Supply:	184 Billion*
Remaining:	46 Million

Block Explorer: <https://explorer.bytecoin.org/>

Wallet: <https://bytecoin.org/downloads>

Pools: <https://miningpoolstats.stream/bytecoin>

Miner: <https://xmrig.com/>

Bytecoin is built on an old algorithm CryptoNight. Used my Monero before the RandomX update, CryptoNight algorithm has been around for a long time. Bytecoin still functions well as a chain and cryptonight is a great algorithm to mine for almost any CPU. With only one pool the coin is completely centralized. Very little updates over the years. This coin could be known as a "Deadcoin" at any time. As long as people are still mining and people are still buying it will still function. There are no updates on there websites or social media accounts. Proceed with caution, and remember to put your resources into a project you trust, believe in and enjoy using.



CHEETAH COIN

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	19.7 Billion*
Remaining:	1.3 Billion

Block Explorer: <http://chtaexplorer.mo00.com:3002/>

Wallet: <https://cheetahcoin.org/wallets/>

Pools: <https://miningpoolstats.stream/cheetahcoin>

Miner: <https://cgminer.info/>

Fork of NENG Coin, Cheetah Coin uses SHA-256 – Cheetah Effect Algorithm, and Random Spike. This allows for miners of all hardware types to take part in mining the network. Cheetah calls itself the first SHA-256 coin, but actually it's the first SHA-256 Scalable Mobile Friendly Algorithm. It also has a special configurable miner with a node to create a very efficient miner that only starts mining when the difficulty resets and returns to zero for a period of time. These usually occur one a month but there are also random times during the month as well. Basically the miner will wait idle until it is possible to solo/mine blocks again and as the difficulty rises again it will stop trying to mine.



CHIA

Hardware:	ASIC
Algorithm:	PoST
Current Supply:	14.4 Million*
Remaining:	18.4 Million

Block Explorer: <https://xchscan.com/>

Wallet: <https://www.chia.net/downloads/>

Pools: <https://miningpoolstats.stream/chia>

Miner: <https://docs.chia.net/farming-guide/>

Chia algorithm is called PoST - Proof of Space and Time. This unique algorithm and blockchain use digital storage space uses storage capacity as the scarce resource Trying to remain closer to the original Satoshi Vision of "One CPU, One Vote" where a vote refers to a chance to win and validate a block, not an actual vote on-chain. For example, someone storing 500 GiB has 5 "votes," and someone storing 100 GiB has 1 "vote.". Chia is extremely easy to setup and the software is top quality. Chia states there is no real benefit from running a HDD compared to a SSD so always consider this when setting up your farm or deciding to build a dedicated Chia mining setup.



CLORE.AI

Hardware:	GPU
Algorithm:	KawPow
Current Supply:	506 Million*
Remaining:	794 Million

Block Explorer: <https://clore.cryptoscope.io/>

Wallet: <https://clore.ai/wallet>

Pools: <https://miningpoolstats.stream/clore>

Miner: <https://lolminer.site/>

Clore Coin (CLORE) is an L1 POW coin, and 40% of the block reward goes directly to the hosts. This unique structure means that Clore.ai effectively pays hosts more than the rental fee itself. In Clore.ai's case, the user pays \$10, Clore.ai takes a 1.8-10% fee, and thanks to the block reward system, the host could receive an additional amount from the block reward, possibly around 50% of the rental. Meaning the host receives \$15, while the renter only pays \$10. Also, Clore is the Proof of Holding (PoH) system, which incentivizes users to hold Clore in the official wallet. Users can pay for leasing using Bitcoin (BTC) and Clore Coin (CLORE), offering flexibility in transaction methods.



CORTEX

Hardware:	GPU
Algorithm:	CuckooCycle
Current Supply:	228 Million*
Remaining:	71 Million

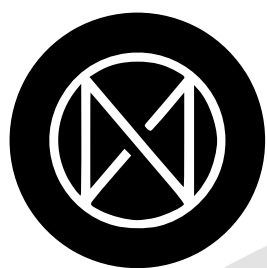
Block Explorer: <https://cerebro.cortexlabs.ai/#/blocks>

Wallet: <https://www.cortexlabs.ai/wallet>

Pools: <https://miningpoolstats.stream/cortex>

Miner: <https://lolminer.site/>

Cortex is innovative and futuristic. An open-source, peer-to-peer, decentralized blockchain that supports Artificial Intelligence (AI) models to be uploaded and executed on a distributed network. Cortex achieves AI democratization by providing an open-source AI platform where AI models can be easily integrated into smart contracts to create AI-enhanced decentralized applications (DApps). Mining Cortex is definitely an investment in AI Coins or LLM Technologies and could serve as a great way to diversify for crypto holdings while also exploring new technologies and blockchains. Cortex is a strong competitor for future cryptocurrency and blockchain technologies.



DAGGER

Hardware:	CPU
Algorithm:	RandomX
Current Supply:	1.26 Billion*
Remaining:	177 Million

Block Explorer: <https://explorer.xdag.io/>

Wallet: <https://xdag.io/>

Pools: <https://miningpoolstats.stream/dagger>

Miner: <https://xmrig.com/>

Dagger is a DAG (Direct Acyclic Graph) cryptocurrency. Using RandomX as the algorithm which allows for CPU miners to take part in this coin. 64 seconds a block. Under the Ticker XDAG this coin is starting to grow in popularity. It's easy of use and fairly profitable which makes it very appealing to the average miner. The network is fairly low at around 20 Mhs*. Highly speculative coin so be careful where you allocate your resources. For some CPU hardware soloing could be very profitable at the right difficulties. Mobile wallet support is always nice for easy miner setup, sharing and sending tokens from one wallet to another.



DASH

Hardware:	ASIC
Algorithm:	X11
Current Supply:	12.2 Million*
Remaining:	6.7 Million

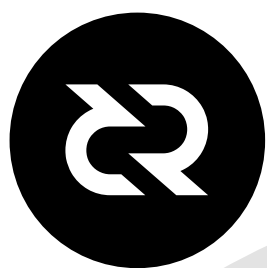
Block Explorer: <https://blockchair.com/dash>

Wallet: <https://www.dash.org/downloads/>

Pools: <https://miningpoolstats.stream/dash>

Miner: <https://www.awesomeminer.com/>

Dash is an ASIC friendly algorithm. While Dash is usually mined by large ASIC machines designed for a warehouse or allotted space for mining due to noise and heat generation. Dash has been a great asset to convert mine into. The network fees are very low and payout amounts are low. Dash also is a power blockchain with smart contract execution. The most secure decentralized asset with the fastest unlock period. Usually one to two confirmations and your funds are available, even on Coinbase. For most home miners Dash is not really an option but if you have a farm or a warehouse adding some X11 ASICS and mining Dash could be a great way to explore other assets and algos.



DECRED

Hardware:	ASIC
Algorithm:	Blake3
Current Supply:	16.6 Million*
Remaining:	4.3 Million

Block Explorer: <https://dcrdata.decred.org/>

Wallet: <https://decred.org/wallets/>

Pools: <https://miningpoolstats.stream/decred>

Miner: <https://www.awesomeminer.com/>

Decred is a hybrid PoW and PoS coin. Blake3 ASIC miners come in all shapes and sizes. A lot of these miners can be used at home whether in the office or in the garage. They are usually much more tailored for Home miner. Decred ecosystem is growing and offers 75 APR for staking. This model seems to be very useful for adoption. Miners can invest in a smaller and more affordable piece of equipment that we can easily run at home. The chain offers staking so our coins can compound over time. Decred has so much room to grow as a platform. ASIC miners start as low as \$200 dollars and are small silent units, for example the ICERIVER ALPH ALO.



DEEPOINION

Hardware:	ASIC
Algorithm:	X13
Current Supply:	23 Million*
Remaining:	2 Million

Block Explorer: <https://explorer.deeponion.org/>

Wallet: <https://deeponion.org/index.php#download>

Pools: <https://miningpoolstats.stream/deeponion>

Miner: <https://github.com/sgminer-dev/sgminer>

DeepOnion is a cryptocurrency designed around the anonymous Tor network. DeepOnion is made to be used with a VPN and connect over a Tor network. The first DeepOnion wallet had Tor® integrated natively to protect the physical IP location of all users. It was shortly followed by a new release introducing DeepVault to verify the authenticity of the wallet or any other digital file. They recommend connecting using OrBot which is a free VPN for anyone to use. It's power, fast and easy to use. OrBot is useful as just a VPN without the DeepOnion Network as well. Stay NCRYPTD and stay protected with privacy on the DeepOnion network.



DERO

Hardware:	CPU
Algorithm:	AstroBWT/v3
Current Supply:	18.4 Million*
Remaining:	2.6 Million

Block Explorer: <https://explorer.dero.io/>

Wallet: <https://dero.io/download.html>

Pools: <https://miningpoolstats.stream/dero>

Miner: <https://docs.dero.io/getting-started/miningdero.html>

Dero focuses on privacy and smart contracts. The algorithm used by Dero is unique and has very specific requirements that most computers won't meet. The L3 Cache requirement is higher for just one core than most CPUs have available. In comparison Monero usually can allocate enough cache for each core to mine with most core available, and Scala takes this a step further. This puts Dero in a special class. Satoshi promoted forks and especially something unique and niche. As larger and larger L3 cache becomes available to CPUs as time goes on, chances open up a lot more mining adoption. With that should bring more on chain development as well.



DIGIBYTE

Hardware:	Multi-HW
Algorithm:	Multi-Algo
Current Supply:	17.6 Billion*
Remaining:	3.4 Billion

Block Explorer: <https://digiexplorer.info/>

Wallet: <https://www.digibyte.org/en-us/>

Pools: <https://miningpoolstats.stream/digibyte-sha>

Miner: <https://cgminer.info/>

Digibyte is minable by GPU, ASIC and FPGA hardware. The algorithms supported by Digibyte are SHA-256, Scrypt, Qubit, Skein and Odocrypt. Digibyte is a staple in the crypto industry, from 15 block times and multi-algo blockchain that supports smart contracts. This ecosystem is just waiting to expand and explode at any time. An easy way to start mining Digibyte is to buy an SHA-256 ASIC miner. They are easy to setup, affordable to run, small and quiet now. There are desktop or “behind the desk” style miners that offer great hashing power for the price. Digibyte is a great choice for conversion mining as well. Mine a CPU or GPU coin and set payouts in Digibyte.



DINGOCOIN

Hardware:	ASIC
Algorithm:	Script
Current Supply:	108 Billion*
Remaining:	Infinite

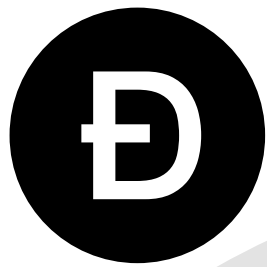
Block Explorer: <https://explorer.dingocoin.com/>

Wallet: <https://dingocoin.com/>

Pools: <https://miningpoolstats.stream/dingocoin>

Miner: <https://cgminer.info/>

Dingocoin is a script coin like Dogecoin. Most of the mining is merge mining with LTC. If you enjoy mining LTC you are probably already earning rewards from merge mining. Coins like Dingo help build more community for cryptocurrency and fuel more adoption. The Dingocoin team has been working hard on bridging coins to other chains and they are always active on social media which are both very good signs of a good coin, team and future. I'd bet on Dingocoin's future innovations not just their current technology and blockchain. New pools opening up for Dingocoin indicating that people are recognizing the coin and see opportunity.



DOGECOIN

Hardware:	ASIC
Algorithm:	Script
Current Supply:	148 Billion*
Remaining:	Infinite

Block Explorer: <https://blockchair.com/dogecoin>

Wallet: <https://dogecoin.com/wallets/>

Pools: <https://miningpoolstats.stream/dogecoin>

Miner: <https://cgminer.info/>

Dogecoin the original Memecoin. The reason why Dogecoin was so much staying power over other coins is that it's a proof of work coin. It's basic crypto/blockchain fundamentals. Many "Coins" claim to be "Memecoins" but they are just tokens built on another blockchain. It's not easy to use and cost more than other chains to use. Doge itself is not a cheap chain to use but it's easier and faster than dealing with L1 fees to move your tokens/coins. Ethereum tokens are burning Ethereum to even move tokens. Doge is very easy to mine and Benefits from increased mining profits due to multiple coins configured for merged mining. Coins such as LTC, DGB, PEP and LKY.



DOGMCOIN

Hardware:	ASIC
Algorithm:	Script
Current Supply:	147 Billion*
Remaining:	Infinite

Block Explorer: <https://chainz.cryptoid.info/dogm/>

Wallet: <https://dogmcoin.com/>

Pools: <https://miningpoolstats.stream/dogmcoin>

Miner: <https://cgminer.info/>

Dogmcoin is a fork of Dogecoin, so if you had Dogecoin on chain at the time of the fork (At block height 4253399) you will have Dogmcoin at a 1:1 ratio. Meme coin and a peer-to-peer Internet currency that enables instant, near-zero cost payments to anyone in the world. It's very easy to get started and is supported as AuxPow/MergeMining on many pools. This is a coin that seems to support other chains and functions well as a memecoin. Doge at current prices does not function as a memecoin, so many other coins have come after it to take it's place. DOGM has a lot of supply and is very easy to mine, share and functions great as a memecoin.



DYNEXCOIN

Hardware:	GPU
Algorithm:	DynexSolve
Current Supply:	101 Million*
Remaining:	9 Million

Block Explorer: <https://blockexplorer.dynexcoin.org/>

Wallet: <https://dynexcoin.org/learn/wallets>

Pools: <https://miningpoolstats.stream/dynexcoin>

Miner: <https://dynexcoin.org/learn/mining>

Dynex's patent-pending neuromorphic quantum computing is a type of quantum computing that utilizes ion drifting of electrons. It works differently from superconducting-based quantum computing by using memristive elements that can quickly react to changes, helping the system swiftly find the best solutions. Dynex is part of the Quantum AI future and many technologies will thrive and some will disappear. The DHIP 2.0 program is a cornerstone of Dynex's strategy to bolster the stability and utility of DNX coins. By encouraging voluntary participation, DHIP aligns holder incentives with ecosystem growth, offering tangible rewards for their commitment.



ECASH

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	19.8 Trillion*
Remaining:	1.2 Trillion

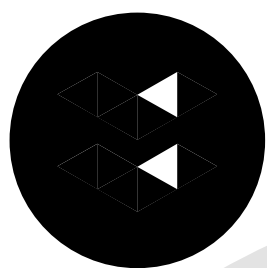
Block Explorer: <https://explorer.e.cash/>

Wallet: <https://e.cash/wallets>

Pools: <https://miningpoolstats.stream/ecash>

Miner: <https://cgminer.info/>

Ecash is another fork of Bitcoin. It's become so much more than a fork since it's creation. After integrating with Avalache eCash has become renewed with purpose and functionality. The team has made great progress with the chain and will continue to improve eCash. Mining easy and fast, and the best part about eCash mining is how easy it is for you to mine and actually receive rewards. Another great aspect of eCash is conversion mining. It's so easy to mine on any device whether it's a Raspberry Pi, Cellphone, Laptop, Desktop or GPU and auto convert your earnings to eCash. With low payout thresholds and very low network fees eCash is perfect for so many miners.



ELASTOS

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	25.9 Million*
Remaining:	2.4 Million

Block Explorer: <https://blockchain.elastos.io/>

Wallet: <https://elastos.info/essentials-the-super-wallet/>

Pools: <https://miningpoolstats.stream/elastos>

Miner: <https://cgminer.info/>

Elastos has been merge-mined with Bitcoin since 2018, receiving its hash rate in exchange for ELA. Bitcoin miners generate blocks for the Elastos Mainchain at no extra cost, providing approximately 50% of its security and offering decentralization, safety, and security benefits for Elastos.

Become a BPoS Validator, earn up to 22% APY and collaborate with Bitcoin miners to package blocks on Elastos. The Elastos BPoS consensus mechanism additionally provides stakers with a return of 2-3% APY on ELA investment, featuring flexible bonding periods, an improved profit-sharing model, and ensured block finality.



EPIC CASH

Hardware:	GPU, CPU
Algorithm:	Multi-Algo
Current Supply:	18.3 Million*
Remaining:	2.7 Million

Block Explorer: <https://explorer.epiccash.com/>

Wallet: <https://epiccash.com/downloads/>

Pools: <https://miningpoolstats.stream/epiccash-progpow>

Miner: <https://epicmine.io/get-started>

Epic Cash is GPU and CPU friendly. 60 Second Block time and a coin distribution to catch up to Bitcoin and then match it's tokenomics. Just this alone could be a reason to mine Epic Cash, a modified CPU, GPU friendly Bitcoin alternative. Don't think because there are so many alt coins that something like Epic Cash can't compete, it's very powerful and will grow with time. Many people will adopt Epic Cash on a day to day basis because of it's speed, privacy, ease of use and ease of mining. Anyone can mine EPIC with basically any computer at home or your gamer GPU. Both can contribute to the Epic Cash network for a portion of the block rewards.



ERGO

Hardware:	GPU
Algorithm:	Autolykos 2
Current Supply:	80 Million*
Remaining:	17.7 Million

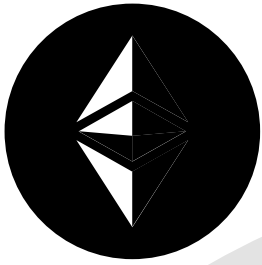
Block Explorer: <https://explorer.ergoplatform.com/>

Wallet: <https://ergoplatform.org/en/get-erg/#Wallets>

Pools: <https://miningpoolstats.stream/ergo>

Miner: <https://ergoplatform.org/en/get-erg/#Mining>

GPU mineable only Ergo is a coin with a unique algorithm Autolykos 2. Designed to be ASIC resistant and optimize modern GPU memory. Ergo has a massive Ecosystem in development and with time and Ergo Coin will be in high demand to access these Defi, Games, Utilities and more on the ERGO chain. Start mining today or buy on your local DEX or CEX. When a chain is still early and fairly inexpensive, it's actually a great time to start mining. Even if it isn't profitable to mine, you can start accumulating coins and testing out the blockchain and learn how Dapps and Defi works. Check out the ERGO Roadmap for more information on projects currently being developed.



ETHEREUM CLASSIC

Hardware:	GPU
Algorithm:	ETCHASH
Current Supply:	151 Million*
Remaining:	59 Million

Block Explorer: <https://etc.tokenview.io/>

Wallet: <https://ethereumclassic.org/services/wallets>

Pools: <https://miningpoolstats.stream/ethereumclassic>

Miner: <https://ethereumclassic.org/mining>

Ethereum Classic is the original GPU mineable smart contract platform. Ethereum Classic is the original Ethereum Code. The Ethereum Moto was “Code is Law” and then they changed the code and consensus method to PoS. Ethereum Classic has 30 second block times and its easy to mine with a decent GPU. ETC is still a great platform for developers and programmers to design Dapps and other utilities on the ETC blockchain. The chain is very fast and there are so many options for wallets and quite a few good pools to choose from as well. Most people who have a gaming PC can mine ETC which is a great method of learning of becoming involved in the technology.



ETHEREUM POW

Hardware:	ASIC, GPU
Algorithm:	ETHASH
Current Supply:	107 Million*
Remaining:	Infinite

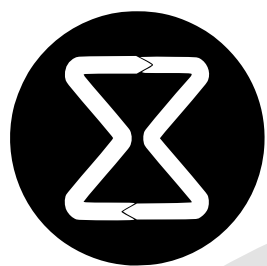
Block Explorer: <https://www.oklink.com/ethw>

Wallet: <https://metamask.io/>

Pools: <https://miningpoolstats.stream/ethereumpow>

Miner: <https://linktr.ee/ethw>

Ethereum POW was formed after Ethereum forked to PoS and Eth 2.0 was born. ETHW remained after the split. ETHW is the second fork of Ethereum, the first being Ethereum Classic. Ethereum's code had changed a lot by the time the fork happened. Programmers even removed the maximum supply from the code. The problem with ETHW is the EIPs that changed the code of the coin in preparation for the Proof of Stake – Eth 2.0 eventual transition. ETHW have multiple obstacles because of ETH 2.0 removing the POW layer coding which allowed for ETHW to update the code easily. ETHW will now have to figure a way to code updates with remaining a PoW.



EVRMORE

Hardware:	GPU
Algorithm:	EvrProgPow
Current Supply:	9.5 Billion*
Remaining:	5.8

Block Explorer: <https://evr.cryptoscope.io/>

Wallet: https://evrmore.com/get_evr

Pools: <https://miningpoolstats.stream/evrmorecoin>

Miner: <https://github.com/EvrmoreOrg/evrprogpowminer>

Evrmore is a blockchain project which is specifically targeted at Distributed Finance and Commerce Applications. It is a code fork of Ravencoin, which itself enhanced the Bitcoin codebase and UTXO-based protocol to support assets. Evrmore is being built by current and former Ravencoin developers, hodlers, and miners as a parallel effort using a different set of trade-offs with different goals and different strategies. Evrmore seeks to improve upon Ethereum's failed security promises by further enhancing Ravencoin's asset protocol to enable Distributed Finance functionality WITHOUT general-purpose smart contracts and WITH the security of bitcoin.



FIRO

Hardware:	ASIC
Algorithm:	FiroPow
Current Supply:	17 Million*
Remaining:	4.4 Million

Block Explorer: <https://explorer.firo.org/>

Wallet: <https://firo.org/get-firo/download/>

Pools: <https://miningpoolstats.stream/firo>

Miner: <https://firo.org/guide/how-to-mine-firo.html>

Firo is designed to be mined by GPUs. The FiroPoW mining algorithm a modified version of ProgPoW 0.9.4 is designed to utilize all parts of a GPU and includes a random sequence that changes every block to add further ASIC and FPGA resistance. Firo believes in the importance of fair distribution in FIRO and remain committed to having it mineable using commodity hardware like GPUs. Firo could find great position with Ecosystems like Komodo and share among people who prefer privacy and defi over traditional finance and centralized banks. Firo is a great choice for any GPU miner looking for a coin with core fundamentals and a dedicated team.



FLUX

Hardware:	GPU
Algorithm:	EquiHash
Current Supply:	381 Million*
Remaining:	59 Million

Block Explorer: <https://explorer.runonflux.io/>

Wallet: <https://sspwallet.io/>

Pools: <https://miningpoolstats.stream/flux>

Miner: <https://lolminer.site/>

Flux used EquiHash 125,4 an ASIC resistant algorithm. The ecosystem being designed is ahead of many chains. Flux network offers AI computation, Rendering, Gaming. FLUX OS powers the FluxCloud - the first and largest Web3 cloud platform revolutionizing the cloud space, offering a decentralized alternative to traditional giants like AWS, Google Cloud, or Microsoft Azure. Flux provides access to multiple blockchains through parallel assets. Flux is creating ten parallel Flux assets on ten other blockchains that will be interchangeable with the main Flux chain. This provides Flux holders with easy access to all major DeFi platforms. Flux has longer blocks than some coins making it easier for GPUs to submit shares.



GLOBAL BOOST-Y

Hardware:	CPU
Algorithm:	Yescrypt
Current Supply:	23.7 Million*
Remaining:	6.3 Million

Block Explorer: <https://bstyexplorer.globalboost.info/>

Wallet: <https://globalboo.st/>

Pools: <https://miningpoolstats.stream/globalboost>

Miner: <https://globalboo.st/>

Global Boost-Y was designed with everyone in mind. The algorithm was engineered in a way to allow anyone with any type of processor to be able to mine this coin. This CPU optimized algorithm is can be mined on even your cellphone (limited to an android phone). AA miner github has the APK available for Android 4 or higher. Global Boost-Y supports the goal of Bitcoin and decentralized finance. Global Boost-Y wants to decentralize communication, media and many other aspect of digital life. Global Boost-Y. Mining is easy and works on most devices such as your phone, raspberry pi or desktop PC. Host a media node and earn rewards for supporting the network.



GRIN

Hardware:	ASIC, GPU
Algorithm:	Cuckatoo32
Current Supply:	194 Million*
Remaining:	Infinite

Block Explorer: <https://grin.tokenview.io/>

Wallet: <https://grin.mw/download>

Pools: <https://miningpoolstats.stream/grin>

Miner: <https://grin.2miners.com/help>

GRIN has a strange love and hate attitude about it in the crypto community, but the logo and the name probably leaves some a little uneasy. Grin supports ASIC and GPU miners. Grin ASICs are usually small and fairly low power. A great way to have a passive way of accumulating crypto. The low bar of entry and ease of use makes Grin a great choice. Being a Mimble Wimble coin means your privacy is protected using this coin. I like to say Grin is the privacy Memecoin. It shares a lot of similar traits to Dogecoin and actually has a large community. This coin has good potential and is a great coin for getting started in mining ASIC coins.



GROESTLCOIN

Hardware:	ASIC, FPGA
Algorithm:	Groestl
Current Supply:	87.1 Million*
Remaining:	17.9 Million

Block Explorer: <https://chainz.cryptoid.info/grs/>

Wallet: <https://www.groestlcoin.org/>

Pools: <https://miningpoolstats.stream/groestlcoin>

Miner: <https://www.groestlcoin.org/groestlcoin-miner/>

Groestlcoin is a network with sub atomic fees. First to activate Segwit & Taproot, and first with Lightning Network & Taproot transaction. Groestl for most hardware including Phones, Raspberry Pi, CPU, GPU and more. Continuous development provides ease of mine about investing money, time and resources into Groestl. Support and updates have seemed to slowed down with Groestl, we are hoping to we more updates like the team promised. The last update they have provided was in March 2024. If the Groestl Team started providing more frequent updates and innovating in the space again Groestl could bring a lot more miners and user to the network and ecosystem.



HATHOR

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	461 Million*
Remaining:	408 Million

Block Explorer: <https://explorer.hathor.network/>

Wallet: <https://docs.hathor.network/>

Pools: <https://miningpoolstats.stream/hathor>

Miner: <https://cgminer.info/>

Hathor is most likely the fastest developing and most creative chain in the market as of early 2025. It's network is powerful and uses SHA-256, a friendly algorithm. From bridges, the nano testnet, blueprints onchain, chain enhancements, global hackathon and so much more Hathor is a chain that isn't getting enough attention. Blockchains and Development Teams like Hathor are not common and with further development Hathor could be the new Ethereum of the Proof of Work realm of crypto. Hathor needs more decentralization. The network needs more pools, miners and more adoption. Merge mine BTC and HTR together for more profit on the current available pools.



HORIZEN

Hardware:	ASIC, GPU
Algorithm:	EquiHash
Current Supply:	15.9 Million*
Remaining:	5.1 Million

Block Explorer: <https://explorer.horizen.io/>

Wallet: <https://www.horizen.io/wallets/>

Pools: <https://miningpoolstats.stream/horizen>

Miner: <https://cgminer.info/>

Horizen is another chain with strong fundamentals. A Layer 1 platform enables unprecedented privacy and security across multiple sectors through advanced zero-knowledge technology. By providing flexible proving mechanisms and efficient verification systems, we're empowering developers to build innovative solutions that protect sensitive data while maintaining transparency and trust. Horizen is one of those coins that people say "it's just a clone", but different coins and networks operate, cost and function differently which is why so many chains exist to begin with. Even just a different GUI or Wallet design can create adoption. Horizen will grow along side many chains and is here to stay.



IRON FISH

Hardware:	GPU
Algorithm:	FishHash
Current Supply:	59 Million*
Remaining:	198 Million

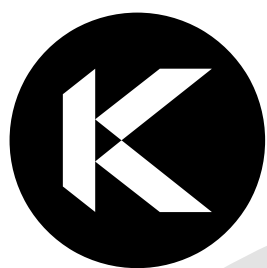
Block Explorer: <https://explorer.ironfish.network/>

Wallet: <https://ironfish.network/use/node-app>

Pools: <https://miningpoolstats.stream/ironfish>

Miner: <https://ironfish.network/use/get-started/mining>

FishHash is similar to EthHash .Iron Fish has a focus and it's adoption and privacy. Iron Fish states on their website "Existing privacy coins are limited in privacy, accessibility, or both. Iron Fish integrates privacy from the ground up. We adopt the highest privacy standards based on leading-edge zero-knowledge technology. Privacy coins have faced an uphill battle gaining adoption in the face of government regulations. They have often been outright banned or their tokens removed from exchanges. At Iron Fish, we are committed to collaborating with legislators, policy makers, and other members of the public and private sectors to develop a robust, compliant, globally usable solution."



KADENA

Hardware:	ASIC
Algorithm:	Blake2S
Current Supply:	310 Million*
Remaining:	690 Million

Block Explorer: <https://kdaexplorer.com/>

Wallet: <https://www.kadena.io/ecosystem/koala-wallet>

Pools: <https://miningpoolstats.stream/kadena>

Miner: <https://www.dxpool.com/help/en/kda-mining-tutorial>

Kadena works on Chainweb. Chainweb is a public Proof of Work (PoW) blockchain that improves upon Bitcoin's design by enabling infinite scaling without compromising security or efficiency. Instead of being a single blockchain like Bitcoin, Chainweb runs several independent blockchains in parallel that communicate with each other. In 2020 the Kadena Team forked the Kadena network from 10 chains to 20 chains, proving that it's possible to scale Bitcoin PoW to any size. And we're just getting started. With Chainweb, we could scale to more than 50,000 chains. Kadena ASIC miners are abundant and currently the profitability is down, which makes for a perfect time to start.



KASPA

Hardware:	GPU
Algorithm:	kHeavyHash
Current Supply:	25.8 Billion*
Remaining:	2.8 Billion

Block Explorer: <https://kas.fyi/>

Wallet: <https://kaspa.org/>

Pools: <https://miningpoolstats.stream/kaspa>

Miner: <https://lolminer.site/>

Kaspa is a GPU mineable coin that uses a custom algo called kHeavyHash. Kaspa's unique technology implimentation is PoW + Phantom Ghost DAG. Phantom achieves consensus on the order of blocks, and this guarantees agreement on the set of accepted transactions as well. Bitcoin can be seen as an ordering protocol, which transactions are embedded in the longest chain of blocks precede those off the longest chain. Unfortunately, Bitcoin's protocol is secure only with slow block rates. The DAG as described so far possibly embeds conflicting transactions. These conflicts are resolved via an ordering protocol, through which all nodes can agree on transactions.



KOMODO

Hardware:	ASIC
Algorithm:	EquiHash
Current Supply:	140 Million*
Remaining:	60 Million

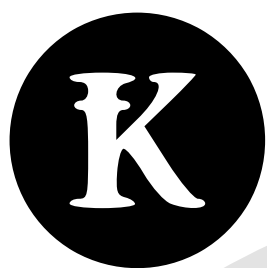
Block Explorer: <https://kmd.tokenview.io/>

Wallet: <https://komodoplatform.com/en/wallet/>

Pools: <https://miningpoolstats.stream/bitcoin>

Miner: <https://lolminer.site/>

Komodo is crypto designed for the function. The chain is designed to allow for on chain swaps with keeping complete custody of your assets. On Komodo you can find a lot of assets on the exchange due to the decentralized nature. It makes swapping assets easy and affordable. Think of Ethereum and Uniswap as a direct comparison but just on a different network. Komodo is a extremely powerful and capable chain. Any developer looking to get into blockchain and crypto programming could easily use Komodo. Since many miners are focused on privacy and decentralized finance many miners and investors would find a lot of use for Komodo and it's ecosystem.



KYLACOIN

Hardware:	GPU, CPU
Algorithm:	Flex
Current Supply:	7,500
Remaining:	13,500

Block Explorer: <https://kcnxp.com/>

Wallet: <https://kylacoin.com/#wallets>

Pools: <https://miningpoolstats.stream/kylacoin>

Miner: <https://www.srbminer.com/>

Kylacoin and the Flex algorithm are new in the crypto space and are getting a lot of attention. Kylacoin stands as a multifaceted blockchain ecosystem, boasting a robust store of value, and actively fostering scalability and interoperability within its framework. With an extremely low market cap the coins evaluation moves fast. The block rewards are extremely low at 0.005 a block and distribution is very slow but this is a positive for the chain and will such a low supply the price will move fast. Kyla has a “sister coin” called Lyncoin which uses the same algorithm but it has a different coin supply and block rewards than Kylacoin. Syncing the wallet may take a while, this is normal.



LBRY CREDIT

Hardware:	ASIC, GPU
Algorithm:	LBRY
Current Supply:	654 Million*
Remaining:	113 Million

Block Explorer: <https://explorer.lbry.com/>

Wallet: <https://lbry.com/get>

Pools: <https://miningpoolstats.stream/lbry>

Miner: <https://cgminer.info/>

Mining is a process where computing power is used to verify transactions on the LBRY network and add them to the public ledger (LBRY blockchain). It is also the process of how new LBRY Credits (LBC) are created as a reward for the successful miners (see details below). The process uses the mining software to calculate complex mathematical puzzles in order to secure the transactions. Both CPU and GPU hardware can be used for mining, but the current market is dominated by GPU and ASIC mining. LBRY uses a mix of SHA512, SHA256 and RIPEMD hash functions in its algorithm. To put it in the most simple terms: mining enables secure and fast LBC transactions.



LITECOIN

Hardware:	ASIC
Algorithm:	Script
Current Supply:	75.6 Million*
Remaining:	8.4 Million

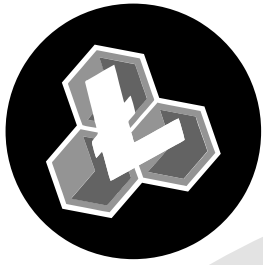
Block Explorer: <https://ltc.tokenview.io/>

Wallet: <https://litecoin.org/>

Pools: <https://miningpoolstats.stream/litecoin>

Miner: <https://cgminer.info/>

If Bitcoin is Gold, Litecoin is Silver. LTC is a beloved coin in the cryptocurrency community. Built on a ASIC algorithm called Script Litecoin is one of the fastest and least expensive chains to use. While mining Litecoin on basically an pool you are also submitting shares to the Dogecoin network and any accepted shares will contribute to your total profit. There is a secret in hashrates with Litecoin and Dogecoin, they are always mining each other. Unless you are Solo mining or using some obscure pool, you are always mining both. It's how the pools are configured. The hashrates will always remain almost exactly the same so long as this configuration never changes.



LITECOIN CASH

Hardware:	ASIC, CPU
Algorithm:	Multi-Algo
Current Supply:	811 Million*
Remaining:	29 Million

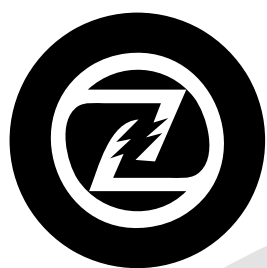
Block Explorer: <https://chainz.cryptoid.info/lcc/>

Wallet: <https://litecoinca.sh/>

Pools: <https://miningpoolstats.stream/litecoincash-minotaurx>

Miner: <https://cgminer.info/> <https://www.srbminer.com/>

Litecoin Cash is a multi algorithm coin with hive mining. The two algorithms supported by LCC are SHA-256, an ASIC algorithm used by Bitcoin and MinotaurX, which is a CPU only algorithm. The MinotaurX algo has been adopted by many chains and is a great algorithm. Litecoin Cash mining is easy and their wallet also offers what they call hive mining. The idea of mining blocks through a hive mine is interesting and functions as it should. The hive mining feels a little more exclusive than some PoS models but it rewards consistent engagement. LCC is perfect for someone with a small Bitcoin miner and a computer and they wanted to start mining or are looking for something new to mine.



LITECOINZ

Hardware:	GPU
Algorithm:	EquiHash144
Current Supply:	44 Million*
Remaining:	40 Million

Block Explorer: <https://explorer.litecoinz.org/>

Wallet: <https://litecoinz.org/wallets>

Pools: <https://miningpoolstats.stream/litecoinz>

Miner: <https://litecoinz.org/mining>

LitecoinZ is a perfect example of an early fork. Taking good ideas from different chains and making new ones. This was very common practice in earlier years of crypto. Many chains have familiar names of major chains that are just crossovers. That doesn't make LitecoinZ any less functional. Mining LitecoinZ is extremely easy and the wallet was easy to use and fast to sync to the network. Mining isn't overly congested so I'd suggest anyone just starting out in crypto mining to start with LitecoinZ. As a chain it is a great learning tool and because of the lower difficulty it makes it easier to get your friends involved and you can learn together and share coins with others.



LYNCOIN

Hardware:	GPU, CPU
Algorithm:	Flex
Current Supply:	23 Billion*
Remaining:	68 Billion

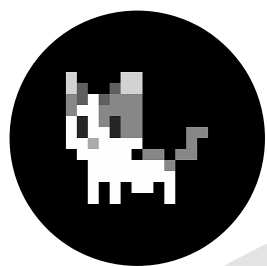
Block Explorer: <https://lcnxp.com/>

Wallet: <https://lyncoin.com/#wallets>

Pools: <https://miningpoolstats.stream/lyncoin>

Miner: <https://www.srbminer.com/>

Lyncoin doesn't have halvings, it reduces block rewards by 1% every 43200. Lyncoin has solid fundamentals and a powerful algorithm. The distribution model is experimental and will take time to prove itself as a functioning model. LCN should continue to grow with the crypto space, KYLA is a strong support coin for LCN and these two coins, in a sense support each other by sharing algorithms and having completely different total supply and coin distribution models. It's easy to mine and will continue to have amazing mining supply for the next few years which means LCN is in a perfect coin to start mining. Syncing the wallet might take a while, but this is normal.



MEOWCOIN

Hardware:	GPU
Algorithm:	MeowPow
Current Supply:	6.6 Billion*
Remaining:	14.4 Billion

Block Explorer: <https://mewc.cryptoscope.io/>

Wallet: <https://www.mewccrypto.com/download>

Pools: <https://miningpoolstats.stream/meowcoin>

Miner: <https://www.mewccrypto.com/mining>

Meowcoin is a coin designed with animal lovers in mind. MEWC has designed it's own algorithm called MeowPow. Mining very early on this token so there is a lot of distribution right now. With a new bridge to ETH and more development on the way Meowcoin is starting to position itself in the crypto space as a reliable and useful chain. As the coin grows and potentially is added to more exchanges you could see a lot more adoption. Meowcoin is a great option for miners looking for something different to mine or test and compare algorithm profitability. Animals lovers and nature loves will appreciate this coin and makes for a fast and loving community of MEWC fans and users.



MICROBITCOIN

Hardware:	CPU
Algorithm:	Power2b
Current Supply:	54.5 Billion*
Remaining:	27 Billion

Block Explorer: <https://microbitcoinorg.github.io/explorer/#/>

Wallet: <https://microbitcoin.org/page/wallet>

Pools: <https://miningpoolstats.stream/microbitcoin>

Miner: <https://github.com/MicroBitcoinOrg/Cpuminer>

DISCLAIMER – This coin was listed on CoinGecko but has since been delisted. CoinGecko has certain requirements for listing and MBC did not meet them. Microbitcoin is the CPU memecoin for Bitcoin. It's easy to use and network fees are next to nothing with extremely fast transaction times. This coin is very mineable because of the instruction set. This allows for even some of the slowest and oldest PCs to still contribute a fair amount of hashing power. MBC is a powerful learning tool for beginner miners. Allowing someone with no experience to get setup fast and have coins hitting their wallet in no time. Get started today mining MBC at Rplant by download a wallet and the Rplant miner.



MIMBLE WIMBLE

Hardware:	ASIC, GPU
Algorithm:	Cuckatoo31
Current Supply:	11 Million*
Remaining:	9 Million

Block Explorer: <https://explorer.mwc.mw/>

Wallet: <https://www.mwc.mw/downloads>

Pools: <https://miningpoolstats.stream/mimblewimble>

Miner: <https://www.mwc.mw/miners>

MimbleWimbleCoin - MWC is a Proof-of-Work (PoW) cryptocurrency that can be mined using GPUs or ASIC devices like the iPollo G1 and G1 Mini. Miners can choose to mine MWC either solo or in a mining pool. Many miners will prefer to mine MWC over Grin. As talked about on the Grin Mining page, these miners are easy to setup and use. Very plug and play and very low power in terms of an ASIC miner. Mimble Wimble is an excellent choice for either the intro miner or the seasoned crypto expert. You can begin with using your GPU to mine MWC and get started with wallet creation. You can also setup a node and help support the MWC network.



MONACOIN

Hardware:	ASIC, GPU
Algorithm:	Lyra2REv2
Current Supply:	65 Million*
Remaining:	40 Million

Block Explorer: <https://mona.tokenview.io/>

Wallet: <https://monacoin.org/>

Pools: <https://miningpoolstats.stream/monacoin>

Miner: <https://www.awesomeminer.com/>

Monacoin, conceived in the December of 2013, is the first alternative cryptocurrency developed in Japan. It is based on the popular ASCII art character, Mona. Monacoin is not a payment system controlled by one single entity, but a fully distributed payment system preserved by everyone who uses it via client applications running on their computers. While much of the world treats most cryptocurrencies as speculative ventures, Monacoin is a cryptocurrency popularized by the initiative of its community: it continues to be nurtured and built upon not by a core development team but by its enthusiastic user base. Monacoin users have brought up various kinds of Mona-based web applications.



MONERO

Hardware:	CPU, GPU
Algorithm:	RandomX
Current Supply:	18.4 Million*
Remaining:	Infinite

Block Explorer: <https://monero.com/explorer>

Wallet: <https://www.getmonero.org/downloads/>

Pools: <https://miningpoolstats.stream/monero>

Miner: <https://xmrig.com/>

Monero is the King of CPU coins. Originally designed and ran on the CryptoNight algorithm. XMR updated it's algorithm to RandomX which has been a staple in the CPU mining community. Many coins have created forks or similar algorithms as well. It works well and ASIC miners are now just starting to be designed for Monero. CPU and GPU miners are still very welcome and do very well on Monero. With tail end emissions Monero will continue to generate 0.75 XMR from every block found. Miners can find a healthy and profitable ecosystem in XMR. The coin allows for virtually any modern CPU to have a fair contribution to the network for a fair share of the rewards.



MYRIAD

Hardware:	ASIC, CPU
Algorithm:	Multi-Algo
Current Supply:	1.9 Billion*
Remaining:	100 Million

Block Explorer: <https://chainz.cryptoid.info/xmy/>

Wallet: <https://myriadcoin.org/hold>

Pools: <https://miningpoolstats.stream/myriad-script>

Miner: <https://cgminer.info/>

Myriad is a multi-algo coin supporting five different algorithms. Script, Myriad-Gorestl, Yescript, Argon2d and SHA-256. This multi algo setup lets anyone mine Myriad. XMY can be mined by traditional ASIC miners and all the way down to anyone with a cellphone. AA Miner is supported on anyone Android 4.x or higher. Yescript is efficient enough for even old phones to mine XMY. Myriad is an excellent choice for anyone mining on low power consumption devices such as “T” or “U” model Intel processors. Similar to the Raspberry Pi and Single Board Computers as well, all this hardware is capable of mining Myriad with the Yescript algorithm.



NENGCOIN

Hardware:	ASIC
Algorithm:	Script
Current Supply:	77.3 Billion*
Remaining:	6.7 Billion

Block Explorer: <http://nengexplorer.mo00.com:3001/>

Wallet: <https://nengcoin.io/wallets/wallets/>

Pools: <https://miningpoolstats.stream/newenglandcoin>

Miner: <https://cgminer.info/>

Originally named New England Coin, this network designed a new algorithm technology called Random Spike. This update enhances the blockchain in two ways, the first is protection from 50% attacks. It does this by automatically readjusting the difficulty. This allows for different hardware to have chances at solving blocks creating more decentralization. The second is, the difficulty automatically adjusting allows for different hardware to have more of a chance to solve a block. Anything from an ASIC miner to a cellphone can solve blocks. This makes NENG a great choice for many miners. Using Script and Random Spike NENG was carved it's own niche with miners.



NEOXA

Hardware:	GPU
Algorithm:	KawPow
Current Supply:	7.3 Billion*
Remaining:	13.7 Billion

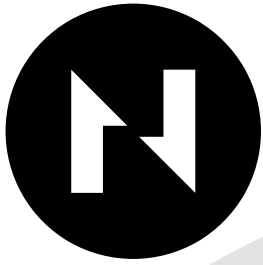
Block Explorer: <https://explorer.neoxa.net/>

Wallet: <https://www.neoxa.net/>

Pools: <https://miningpoolstats.stream/neoxa>

Miner: <https://www.srbminer.com/>

Neoxa uses the KawPow mining algorithm, which is the same algorithm used by Ravencoin. KawPow is a GPU-friendly, ASIC-resistant algorithm that ensures decentralization and security of the network. The algorithm is designed to be accessible to a wide range of users, enabling a more inclusive and distributed mining ecosystem. By preventing the centralization of mining power, KawPow helps maintain the integrity and fairness of the Neoxa blockchain. KawPow's ASIC resistance is achieved through its adaptive nature. It requires miners to store the entire blockchain, making it difficult for specialized ASIC hardware to gain a significant advantage over GPUs.



NERVOS NETWORK

Hardware:	ASIC
Algorithm:	Eaglesong
Current Supply:	46.1 Billion*
Remaining:	700 Million

Block Explorer: <https://explorer.nervos.org/>

Wallet: <https://www.nervos.org/wallets>

Pools: <https://miningpoolstats.stream/nervos>

Miner: <https://www.nervos.org/mining>

Nervos Network (CKB) uses a novel, simple hash function called the Eaglesong that lowers the barrier for ASIC manufacturing. The CKB blockchain works like a storage facility filled with boxes called Cells. These Cells can hold CKBytes, the native tokens of CKB, which represents both value and storage capacity—the more CKBytes you own, the more data you can store on the blockchain. Each Cell requires at least 61 CKBytes to cover the essential data it needs to function. A Script in CKB is a binary executable that can be executed on-chain. It is a program that runs on a virtual machine powered by the RISC-V instruction set, called the CKB-VM.



NEURAI

Hardware:	GPU
Algorithm:	KawPow
Current Supply:	14.5 Billion*
Remaining:	6.5 Billion

Block Explorer: <https://xna.cryptoscope.io/>

Wallet: <https://neurai.org/wallets/>

Pools: <https://miningpoolstats.stream/neurai>

Miner: <https://www.srbminer.com/>

Neurai aims to be a platform to enable harnessing the power of AI algorithms for efficient data analytics, predictive modeling, decision making and connectivity to IoT devices using blockchain assets. IoT equipment designed to work with Neurai consists of sensors and connectivity to send and receive data to the blockchain, along with a series of properties that allow it to manage the information received by the sensors and use the various AIs available for the microcontrollers. This data is used to respond the sensors and Neurai blockchain assets adapting the needs of the program, such as intelligent traceability on farms or plantations, automated logging according to patterns, etc.



NEXA

Hardware:	GPU
Algorithm:	NexaPow
Current Supply:	7.5 Trillion*
Remaining:	13.5 Trillion

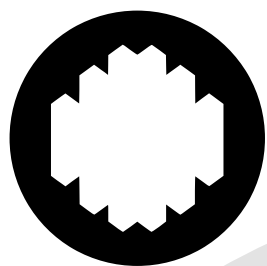
Block Explorer: <https://explorer.nexa.org/>

Wallet: <https://www.nexa.org/wallets>

Pools: <https://miningpoolstats.stream/nexa>

Miner: <https://lolminer.site/>

Nexa is composed of identical tokenomics to Bitcoin, including halving events which occur every 1,050,000 blocks. With a unique PoW (Proof-of-Work) algorithm, Nexa will scale to over 10 billion transactions per day. Leveraging cutting-edge technology, Nexa addresses bandwidth, storage, and the computation speed of nodes, ensuring seamless operation. Tokens are a proven, market-validated use case for cryptocurrency, delivering substantial value and fostering network effects. Nexa uses an ultra-scalable smart-contract system which enables practically everything possible without the major scaling bottlenecks suffered by other networks.



OCTASPACE

Hardware:	ASIC, GPU
Algorithm:	ETHash
Current Supply:	37.4 Million*
Remaining:	10.6 Million

Block Explorer: <https://explorer.octa.space/>

Wallet: <https://docs.octa.space/wallets>

Pools: <https://miningpoolstats.stream/octaspace>

Miner: <https://www.srbminer.com/>

OctaSpace operates its own Layer 1 blockchain network (PoW) dedicated to financial operations using the OCTA cryptocurrency. OctaSpace is a versatile cloud platform that provides access to distributed computing, data storage, VPN services, and more. It's thoughtfully designed to be user-friendly, making it accessible even to those new to the concept of distributed computing. With OctaSpace, you have the capability to harness the CPU and GPU resources from nodes worldwide. Additionally, if you have spare hardware, you can choose to become a host and earn by renting out your CPU, GPU, or traffic resources. Secure your data with our VPN, and store your files with ease.



PEERCOIN

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	29.5 Million*
Remaining:	Infinite

Block Explorer: <https://explorer.peercoin.net/>

Wallet: <https://www.peercoin.net/wallet>

Pools: <https://miningpoolstats.stream/peercoin>

Miner: <https://cgminer.info/>

Peercoin is a ASIC hybrid coin. PoW and PoS. Efficiency, sustainability, user governance, scalability through modularity, and a fair distribution. All these qualities combine to form a long-term minded blockchain network that is primarily focused on maximizing decentralization. This primary focus works to preserve the trustless, immutable and censorship resistant nature of Peercoin so that it can always be relied upon to fulfill its core role as a distributed mechanism for securely storing all types of value. This value can be anything from fiat wealth being stored in PPC, to data being stored on the chain in the form of tokens, records, or contracts.



PEPECOIN

Hardware:	ASIC
Algorithm:	Script
Current Supply:	89.6 Billion*
Remaining:	Infinite

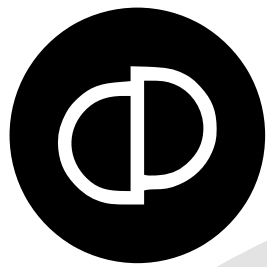
Block Explorer: <https://pepeblocks.com/>

Wallet: <https://pepecoin.org/>

Pools: <https://miningpoolstats.stream/pepecoin>

Miner: <https://cgminer.info/>

Pepecoin – Ticker PEP is new to the Script and mining scene but with the explosion of meme tokens has brought out more meme coins. True to the original Script memecoin Doge, PEP has a tail end emission of 10,000 coins a block. Pepe is blowing up as a token but many of the crypto mining communities don't support crypto tokens because they believe in fundamentals. Doge is a Proof of Work coin, Pepe is a Proof of Work coin. These are proven systems that are now thriving. PEP has been growing at a rapid pace and is seeing more adoption further into the 2024 halving bull cycle. PEP has one more halving in it's tokenomics before it reaches 10,000 a block forever.



PHICOIN

Hardware:	GPU
Algorithm:	PhiHash
Current Supply:	210.8 Million*
Remaining:	Infinite

Block Explorer: <https://explorer.phicoin.net/>

Wallet: <https://github.com/PhicoinProject/genPhicoinWallet>

Pools: <https://miningpoolstats.stream/phicoin>

Miner: <https://github.com/PhicoinProject/phihashminer>

Phicoin might be the most innovative and important coins in the crypto market for the next few years. It's a mineable with a direct bridge to swap into Solana. This feature alone places Phicoin on the top of my list as important, innovative and customer driven technology. PHI is not only a cryptocurrency but also a symbol of future possibilities in decentralized systems and cuttingedge technology. Mine Phicoin and test the bridge when it opens, mine some PHI and swap it to SOL. There are many reasons PoS and PoW are so separated as ecosystems and the main reason is lack of bridges and available atomic swap. Phicoin is creating solutions that are essential for the future of crypto.



PIRATE CHAIN

Hardware:	ASIC, GPU
Algorithm:	EquiHash
Current Supply:	196 Million*
Remaining:	4 Million

Block Explorer: <https://explorer.pirate.black/>

Wallet: <https://piratechain.com/wallets/>

Pools: <https://miningpoolstats.stream/bitcoin>

Miner: <https://piratechain.com/mining/>

Anyone worried about security or wallet hacks in the future should look at Pirate Chain. Pirate Chain (ARRR) is a privacy coin which focuses on financial privacy. Pirate Chain (ARRR) is a 100% private cryptocurrency. Pirate Chain cannot be compromised by other users activity on the network where sender and receiver addresses and amounts remain private. Pirate Chain isn't just about transactional privacy; it also reinvents the concept of mining privacy. Employing a proof-of-work consensus mechanism similar to Bitcoin, Pirate Chain shields the amount mined per address, thus providing a mining experience that is as private as it is secure.



QUAI

Hardware:	GPU
Algorithm:	ProgPow
Current Supply:	482 Million*
Remaining:	Infinite

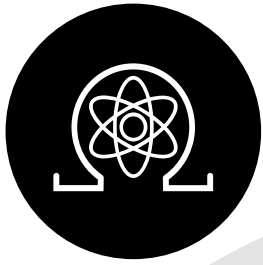
Block Explorer: <https://quaiscan.io/>

Wallet: <https://docs.qu.ai/sdk/content/classes/Wallet>

Pools: <https://miningpoolstats.stream/quai>

Miner: <https://www.srbminer.com/>

Quai is a massively scalable secure blockchain network for fast, low-cost, high-throughput transactions and programmable smart contracts, while ensuring fast finalization, censorship resistance, and adversarial resilience. The system is built using an integrated multi-threaded approach with adaptive architecture and two native cryptocurrency coins, all enabled by the breakthrough Proof-of-Entropy-Minima (PoEM) consensus mechanism. One of the key differences for Quai Network is that it uniquely relies on the objective computational properties of Proof-of-Work to push the boundaries of blockchain performance.



QUANTUM RESISTANT LEDGER

Hardware:	CPU, GPU
Algorithm:	RandomX
Current Supply:	78.4 Million*
Remaining:	26.6 Million

Block Explorer: <https://explorer.theqrl.org/>

Wallet: <https://www.theqrl.org/>

Pools: <https://miningpoolstats.stream/quantumrl>

Miner: <https://xmrig.com/>

Quantum Resistant Ledger is technology designed to protect your investments in digital assets, resources and time using the Monero algorithm RandomX. The QRL digital asset is secure against current and emerging cryptographic threats. Our suite of solutions provide a range of options for the safe custody of QRL digital assets and interaction with public and private post-quantum secure blockchains built on our core protocol. QRL is a great coin to mine for anyone who has been mining Monero and want to allocate some hashing power to another blockchain. QRL wallets, Miner and Pools are all very user friendly making this perfect for a beginner and a warm welcome for the experienced miner.



QUARKCHAIN

Hardware:	ASIC, GPU
Algorithm:	Ethash
Current Supply:	7.1 Billion*
Remaining:	2.9 Billion

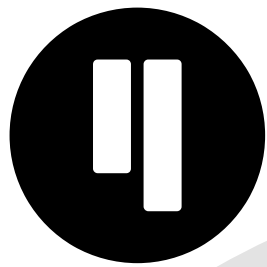
Block Explorer: <http://mainnet.quarkchain.io/explorer>

Wallet: <https://mainnet.quarkchain.io/wallet>

Pools: <https://miningpoolstats.stream/quarkchain>

Miner: <https://www.srbminer.com/>

The QuarkChain Network introduces a novel sharding-based blockchain architecture that aims to meet the global commercial standard. QKC was inspired by the team's extensive experience in developing large-scale distributed systems in the centralized world that can handle billions of transactions per second. QuarkChain is helping move blockchain into the next generation by increasing the current transactions per second (TPS) capacity by several thousand fold to a projected 100,000 TPS. QuarkChain wants to achieve this without sacrificing security, decentralization or scalability. QKC has so much potential to power many decentralized platforms in the future.



QUBIC

Hardware:	CPU
Algorithm:	UPoW
Current Supply:	136 Trillion*
Remaining:	64 Trillion

Block Explorer: <https://explorer.qubic.org/network>

Wallet: <https://qubic.org/>

Pools: <https://miningpoolstats.stream/qubic>

Miner: <https://github.com/qubic-li/client>

Qubic powered by useful-Proof-of-Work, Qubic redefines decentralised blockchain and AI through Quorum-Based Computation (QBC). Qubic is for the experienced miner. The setup isn't completely straight forward and even small differences in user experiences can sometimes makes setup much more difficult for a novice miner, even if you aren't experienced you can complete the setup with time and patience. Experienced miners take note of Qubics model for Useful Proof of Work and the current coin distribution as of the dating of this book. Qubic is a perfect coin for speculative miners and anyone who believes in LLM and AI model training.



RADIANT

Hardware:	ASIC
Algorithm:	SHA512256D
Current Supply:	13 Billion*
Remaining:	8 Billion

Block Explorer: <https://explorer.radiantblockchain.org/>

Wallet: <https://radiantblockchain.org/get-rxd.html>

Pools: <https://miningpoolstats.stream/radiant>

Miner: <https://radiantblockchain.org/participate.html#mine-rxd>

Radiant was specifically designed to transition from GPU mining to ASIC mining for enhanced scalability and efficiency. The Radiant Network began with only GPU and FPGA miners available to mine with Proof of Work to earn RXD coins.

Radiant now has ASIC miners publically available on the market as of September 5th 2024. The first manufacturer to announce a Radiant compatible SHA512/256d ASIC miner was DragonBall Miner, with the A11 Dual ASIC Miner.

ICERIVER was the second manufacturer to release an ASIC miner for Radiant, with the ICERIVER RXD RX0.



RAPTOREUM

Hardware:	CPU, GPU
Algorithm:	GhostRider
Current Supply:	5.1 Billion*
Remaining:	16.9 Billion

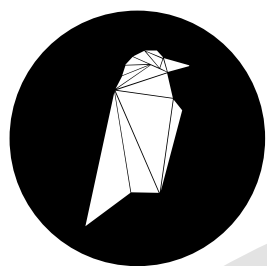
Block Explorer: <https://explorer.raptoreum.com/>

Wallet: <https://raptoreum.com/downloads/>

Pools: <https://miningpoolstats.stream/raptoreum>

Miner: <https://www.srbminer.com/>

Raptoreum is a secure Proof Of Work (POW) Blockchain, Cryptocurrency, and NFT platform that launched mainnet on February 26 2021 after a two year long testnet. Raptoreum had a fair mainnet launch, with no pre-mine, and no ICO. GhostRider, the POW algorithm developed for Raptoreum by Tri Nguyen-Pham (Raptoreums lead developer) is anti FPGA and anti ASIC. It can be mined either with CPU or GPU, but CPUs have a definitive edge in efficiency. The fact that anybody anywhere can mine Raptoreum (RTM) and receive a reasonable reward increases decentralization of the project. Raptoreum allows Smart Contracts to be written in programming languages Java, Python, R, and Scala.



RAVENCOIN

Hardware:	ASIC, GPU
Algorithm:	KawPow
Current Supply:	15 Billion*
Remaining:	6 Billion

Block Explorer: <https://rvn.tokenview.io/>

Wallet: <https://ravencoin.org/wallet/>

Pools: <https://miningpoolstats.stream/ravencoin>

Miner: <https://www.srbminer.com/>

Ravencoin is a digital peer to peer network that aims to implement a use case specific blockchain, designed to efficiently handle one specific function: the transfer of assets from one party to another. The algorithm is intended to address the centralization of mining caused by ASIC hardware. In the original X16R algorithm paper, the team behind the currency explains that the fixed order of ordinary hashing algorithms lends itself to the construction of ASIC miners. Ravencoin is great for conversion miners. Low network fees and low pool payout threshold makes it perfect for mobile miners or anyone mining on older CPUs/GPUs. Get paid out in RVN then convert on a CEX/DEX.



RAVENCOIN CLASSIC

Hardware:	ASIC
Algorithm:	X16R
Current Supply:	15 Billion*
Remaining:	6 Billion

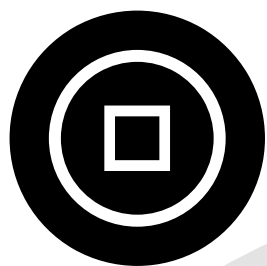
Block Explorer: <https://rvc.mining4people.com/>

Wallet: <https://github.com/ravencoinclassicio/RavencoinClassic>

Pools: <https://miningpoolstats.stream/ravencoinclassic>

Miner: <https://github.com/andru-kun/wildrig-multi>

Ravencoin Classic fork appears to be dying slowly. Even at the beginning of the coin RVC was having a trouble. Knowing what not to mine sometimes is as important as knowing what to mine. There are not many wallet option, very few pools. If you like the project don't feel discouraged to mine the coin, but it's not recommended. RVN is a decent asset with appears to be a bright future and many other forks as well. Keep in mind at any time development can change, pools can start adding the coin, updates can be made to make RVC more desirable. If mining RVC is profitable there is no reason to stop mining unless you can find a more profitable coin to mine or you want to HODL.



RYOCURRENCY

Hardware:	GPU
Algorithm:	CryptoN-GPU
Current Supply:	54.5 Million*
Remaining:	33.5 Million

Block Explorer: <https://explorer.ryo.tools/>

Wallet: <https://ryo-currency.com/wallet/>

Pools: <https://miningpoolstats.stream/ryo>

Miner: <https://www.srbminer.com/>

Ryo Currency is build on the CryptoNight-GPU algorithm. This coin and algorithm is very profitable and efficient. Ryo was conceived with the highest levels of privacy in mind. Ring Confidential Transactions were implemented to conceal every transaction in Ryo network. Following migration to zk-proofs will make potential tracing of Ryo recipients even more impossible. Our Ryo Wallet Atom and Web wallet Quasar are user friendly wallets that let you store, send and receive Ryo. They are available on both PC and phone platforms. Our desktop wallet Atom is one of the most easy-to-use and intuitive wallets around and it also supports GPU SOLO mining,



SALVIUM

Hardware:	CPU, GPU
Algorithm:	RandomX
Current Supply:	28 Million*
Remaining:	Infinite

Block Explorer: <https://explorer.salvium.io/>

Wallet: <https://salvium.io/downloads/>

Pools: <https://miningpoolstats.stream/salvium>

Miner: <https://xmrig.com/>

Salvium is a CPU mineable coin with a hybrid Pow and PoS model. Miners can benefit from staking coins they mine every month and earn rewards from miners. Miners donate 20% of the block reward to pay PoS nodes. Salvium is a DeFi solution. Imagine Monero meets Ethereum. Smart contracts and more. Salvium has suffered one hack already and the team proved their commitment, not only to keeping the chain secure but constant improvement, adapting to situations, acting according and timely when every moment matter. With its rapidly increasing hashrate and natural allure SAL is dominating the CPU mining scene in 2025. Everyone can mine this RandomX coin.



SCALA

Hardware:	CPU
Algorithm:	Panthera
Current Supply:	13.8 Billion*
Remaining:	7.2 Billion

Block Explorer: <https://explorer.scalaproject.io/>

Wallet: <https://scala.network/wallets/>

Pools: <https://miningpoolstats.stream/scala>

Miner: <https://scala.network/miners/>

XLA or Scala is a private coin built on a custom algorithm called Panthera. This algorithm reduces the amount of L3 cache that is needed to mine RandomX allowing for most computers to utilize all of their CPU cores/threads. The Scala network miners stop every so often for what is called the Diardi Block, which is mined and used to support the IPFS network. Scala offers a free decentralized file sharing through <https://scala.sh/>. This service supports up to 100 MB files and is completely free, supported by Scala Network and it's miners. With a new Solana bridge being build and a renewed development team, Scala/XLA has become a powerful and adapting network.



SCPRIME

Hardware:	ASIC
Algorithm:	Blake256R14
Current Supply:	45 Million*
Remaining:	11 Million

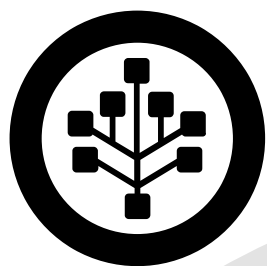
Block Explorer: <https://explorer.scpri.me/>

Wallet: <https://scpri.me/docs/index/>

Pools: <https://miningpoolstats.stream/scprime>

Miner: <https://xaminer.net/docs/index-documents/>

ScPrime develops a fully S3-compatible, distributed cloud storage for small and medium enterprise (SME) called Xa Net Services. Customers pay in fiat and smart contracts lock-in secure storage capacity in the decentralized cloud at lower cost than traditional providers with increased native security. Storage Providers are paid with a low friction ASIC-powered Proof of Work cryptocurrency (ScPrimecoin - SCP). SCPs distributed cloud storage technology is designed to compete against Microsoft, Amazon and Google services. SCP, an open source protocol. Leveraging open source development is cost effective in allowing the project to quickly move to proprietary innovation.



SEDRA

Hardware:	ASIC, GPU
Algorithm:	kHeavyHash
Current Supply:	20.8 Billion*
Remaining:	7.9 Billion

Block Explorer: <https://explorer.sedracoin.com/>

Wallet: <https://sedracoin.com/>

Pools: <https://miningpoolstats.stream/sedracoin>

Miner: <https://github.com/sedracoin/sedrad>

Mining SDR requires two components: a node (sedrad), and a miner. A third component is required to create and maintain a wallet. The node listens for new blocks while the miner is searching for blocks to report to the node. All three components are provided as stand alone files which require no installation. You need to either download precompiled binaries, or compile the codebase yourself. The first option is recommended for most users. The Sedrax Metaverse is an AI-driven, self-evolving universe whereby Sedrians explore, build, and co-own digital things. Start mining Sedra today and begin your journey into the world of (CTAs) Custom Tokenized Assets.



SHIBA INU COIN

Hardware:	ASIC
Algorithm:	Scrypt
Current Supply:	55 Billion*
Remaining:	Infinite

Block Explorer: <https://shibaexplorer.com/>

Wallet: <https://shibapow.org/>

Pools: <https://miningpoolstats.stream/shibainucoin>

Miner: <https://cgminer.info/>

Shiba Inu Coin is a memecoin similar to PEP or Pepecoin. They share the same algorithm and the same tokenomics. Both have tail end emissions of 10,000 coins per block and basically are only different in the sense of the community, adoption and future development. Shiba Inu Coin has been working hard making sure the community can grow so wallets has been the main priority. We've already gotten Ledger Wallet support. Mac OS wallet as also been released and with more development coming Shiba Inu is sure to make waves in the crypto ecosystem. Many people support PoW and PoW is much more stable compared to a token that has no fundamentals or function.



SIACOIN

Hardware:	ASIC
Algorithm:	Blake2B
Current Supply:	56 Billion*
Remaining:	Infinite

Block Explorer: <https://siascan.com/>

Wallet: <https://sia.tech/wallet>

Pools: <https://miningpoolstats.stream/siacoin>

Miner: <https://www.awesomeminer.com/>

The Sia Foundation is a non-profit organization committed to advancing and enhancing the Sia decentralized storage network. Our vision revolves around a future where individuals entirely own their data. This future is devoid of walled gardens, vendor lock-in, or the risk of a single provider accessing your information or holding your files hostage. Sia is a decentralized cloud storage platform secured by blockchain technology. The Sia storage network leverages underutilized hard drive capacity worldwide to create a data storage marketplace that is more reliable and cheaper than traditional cloud storage providers. Sia has its blockchain and a utility token that powers it Siacoin (SC).



SIGNA

Hardware:	ASIC
Algorithm:	PoC+
Current Supply:	2.1 Billion*
Remaining:	1.7 Million

Block Explorer: <https://chain.signum.network/>

Wallet: <https://signum.network/wallet>

Pools: <https://miningpoolstats.stream/signa>

Miner: <https://signum.network/mining>

Signum is based on Proof of Commitment (PoC+). A decentralized consensus is the evolution of the Proof of Capacity (PoC) consensus. Unlike the well-known Proof of Work (PoW) consensus used by Bitcoin and many other coins, PoC+ uses available disk space. This innovative consensus offers a new way for miners to increase their effective storage capacity - committing a Signa balance (stake) in their account. The mining process in the PoC+ consensus is so effective it has such low hardware requirements that any consumer-grade PC can be used to mine. The user will not even notice the mining process happening aside from a few indicator lights blinking.



SKYDOGE

Hardware:	GPU
Algorithm:	Skydoge
Current Supply:	68 Billion*
Remaining:	142 Billion

Block Explorer: <https://explorer.skydoge.net/>

Wallet: <https://skydoge.net/#use>

Pools: <https://miningpoolstats.stream/skydoge>

Miner: <https://skydoge.net/#use>

Skydoge running a custom algorithm called Skydoge has been a very profitable coin to mine. This coin is in early stages, the wallet is fast and works well and mining setup takes a few moments. skydogenet relies on tested Bitcoin core software for a robust, secure foundation. Drivechain technology enables secure sidechains without compromising mainchain security. Skydoge is a fork combining Bitcoins Drivechain technology, allowing miners to mine and vote on other chains built into the Skydoge ecosystem. The BIP was never adopted by Bitcoin but the Skydoge team believes in the idea and wants to keep the possibility open for the future of SkyDoge Chain.



SUPER ZERO

Hardware:	GPU
Algorithm:	ProgPow
Current Supply:	431 Million*
Remaining:	219 Million

Block Explorer: <https://explorer.sero.cash/>

Wallet: <https://sero.cash/en/>

Pools: <https://miningpoolstats.stream/superzero>

Miner: <https://www.srbminer.com/>

SERO is the world's first privacy coin Protocol supporting smart contract using Zero-Knowledge Proof. SERO adopt innovative UTXO+Account mixed mode. SERO is also the world's first Privacy Protection platform which allows developers to issue privacy coins and use them in DApps, that means DApps can have Privacy features. SERO built the world's fastest Zero-Knowledge Proof encryption library "Super-ZK" which is 20+ times faster than the latest zk-SNARKs (Sapling upgrade) that Zcash uses. SERO uses a brand-new consensus mechanism SE - Random, that combines the latest PBFT theory and VRF algorithm to form a consensus mechanism balancing fairness and efficiency.



SYSCOIN

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	805 Million*
Remaining:	Infinite

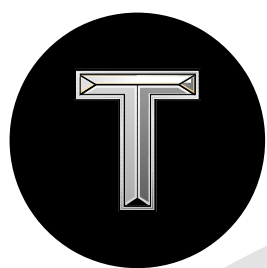
Block Explorer: <https://explorer.syscoin.org/>

Wallet: <https://syscoin.org/get-sys>

Pools: <https://miningpoolstats.stream/syscoin>

Miner: <https://cgminer.info/>

Syscoin is a Bitcoin L2 that is merge-mined with Bitcoin, and a modular Proof-of-Work blockchain solution that brings rollups to Bitcoin's PoW. Syscoin provides to Bitcoin a scalable data availability layer which is necessary for rollups (and other EVM or AltVM layers) to tap into Bitcoin's network in a safe and scalable way. Syscoin's base is comprised of a dual-chain Layer 1: the core is the Syscoin native (UTXO) blockchain providing data availability and finality. Running in tandem with the UTXO chain is an Ethereum Virtual Machine (EVM) chain called NEVM (Network-Enhanced Virtual Machine), which is merged mined alongside the UTXO chain and also inherits finality.



TIDECOIN

Hardware:	CPU
Algorithm:	SHA-256
Current Supply:	18.5 Million*
Remaining:	2.5 (5%)

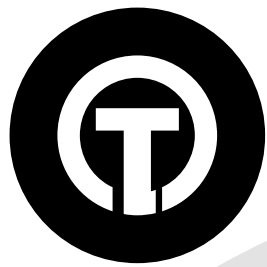
Block Explorer: <https://explorer.tidecoin.org/>

Wallet: <https://tidecoin.org/wallets>

Pools: <https://miningpoolstats.stream/tidecoin>

Miner: <https://tidecoin.org/mining>

By introducing the Post-Quantum security signature algorithm, a decentralized currency system Tidecoin is designed. The operation of the Tidecoin network is based on mathematical proofs and physical laws. The proof of power consensus and CPU friendly POW algorithm make Tidecoin achieving a breakthrough level in decentralization, and security. The currency design enables Tidecoin to run on various types of ubiquitous computing devices, enabling pervasive process of value, even that in multiple worlds. Easily get started today mining TDC on your computer.



TREZARCOIN

Hardware:	GPU, FPGA
Algorithm:	NeoScript
Current Supply:	335 Million*
Remaining:	65 Million

Block Explorer: <https://chainz.cryptoid.info/tzc/>

Wallet: <https://trezarcoin.com/>

Pools: <https://miningpoolstats.stream/trezarcoin>

Miner: <https://www.awesomeminer.com/>

Trezarcoin was founded September 2017 as a unique hybrid Proof-of-Stake and Proof-of Work Coin. TZC is a highly secure store of value with fast transaction times designed to be used as a currency. They implemented the newest Proof-of-Work algorithm, as well as Proof-of-Stake, to meet these stringent security standards. Trezarcoin forked in 2020 and hasn't had much success since then. The blockchain still functions and you can mine and send coins, but it appears the coin is starting to die out. Make sure to always do your research before investing time, energy, resources and capital into any crypto. With updates and improvements TZC could still have a comeback.



VERGE

Hardware:	ASIC, GPU
Algorithm:	Multi-Algo
Current Supply:	16.52 Billion*
Remaining:	10 Million

Block Explorer: <https://verge-blockchain.info/>

Wallet: <https://vergecurrency.com/wallets/>

Pools: <https://miningpoolstats.stream/verge-scrypt>

Miner: <https://vergecurrency.com/community/mining/>

Verge Currency is fast, flexible, and secure, but most importantly it's a currency built with the idea of supporting widespread mass adoption as it scales out across the globe. Verge makes it possible to engage in direct low cost transactions - quickly, efficiently and securely, providing businesses and individuals with options for sending and receiving payments however they choose and for whatever they would like, instantly. XVG has been in operation since 2014 and continues to operate. Currently listed on many exchanges with volume



VERTCOIN

Hardware:	GPU
Algorithm:	VertHash
Current Supply:	71.6 Million*
Remaining:	12.4 Million

Block Explorer: <https://insight.vertcoin.org/>

Wallet: <https://vertcoin.org/download-wallet/>

Pools: <https://miningpoolstats.stream/vertcoin>

Miner: <https://vertcoin.org/mining-setup/>

Vertcoin is the easiest GPU coin to mine in crypto. It's one click miner is extremely easy to setup and use. Vertcoin and it's one click miner are great for anyone interested in Dogecoin. The miner makes it easy, just add your wallet address and start mining. Vertcoin plays an interesting role in the GPU mining scene by bridging the gap between newer and older GPU cards. It's algorithm is efficient enough to help older cards still earn mining rewards. VTC team believes Vertcoin is a better alternative to Litecoin and Bitcoin. Centralized mining has no place in the crypto-space and should not be considered the norm or acceptable. No politics. No centralized ASIC farms.



VERUSCOIN

Hardware:	GPU, CPU
Algorithm:	VerusHash
Current Supply:	78.5 Million*
Remaining:	5 Million

Block Explorer: <https://explorer.verus.io/>

Wallet: <https://verus.io/wallet>

Pools: <https://miningpoolstats.stream/veruscoin>

Miner: <https://docs.verus.io/economy/start-mining.html>

Veruscoin ticker VRSC has seen solid growth since 2020. The coin is steadily rising and for good reason. Verus has built it's ecosystem on helping users and miners have a streamline and high end experience. Mining Veruscoin is possible on GPU, CPU, Mobile and ARM based chipsets. Verus is a rent-free blockchain protocol that has a decentralized economy. Costs for services paid to the protocol are distributed to the miners and stakers. There are no developer fees, and no rent-seeking profiteers. Veruscoin feels closer to the original Bitcoin idea of one CPU, one vote more than most other coins in the cryptocurrency space.



WARTHOG

Hardware:	GPU, CPU
Algorithm:	PoBW
Current Supply:	8.1 Million*
Remaining:	10.8 Million

Block Explorer: <https://wartscan.io/>

Wallet: <https://warthog.network/get-started/#wallet>

Pools: <https://miningpoolstats.stream/warthog>

Miner: <https://docs.warthog.network/guides>

Warthog is an experimental cryptocurrency with world's first Proof of Balanced Work algorithm written by a group of crypto enthusiasts. Warthog's decentralized network empowers individuals with fair, balanced, and synergized CPU/GPU work. It secures hardcoded DeFi and token technologies, eliminating the risks of smart contracts. Our goal is a safer, more efficient blockchain, aligning with the original Bitcoin vision. This is not the default kind of project with a disproportionately high allocation of the total supply unfairly reserved for the team, the advisors and their pockets. 0% is minted, premined, reserved for anyone, 100% is publicly mineable.



XAYA

Hardware:	ASIC
Algorithm:	SHA-256
Current Supply:	57.6 Million*
Remaining:	19.7 Million

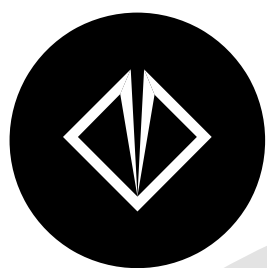
Block Explorer: <https://explorer.xaya.io/>

Wallet: <https://xaya.io/wallet>

Pools: <https://miningpoolstats.stream/xaya-sha>

Miner: https://github.com/xaya/xaya_tutorials/wiki/

Xaya's vision for video games is a big one. We're looking to fundamentally change how people perceive video games and how they play them. We see the blockchain as a transformational technology where games transcend the virtual and take on a life of their own in the real world. With no walled gardens, free markets and natural price discovery are underpinned by censorship resistance, trustless trading, and cryptographic security. CHI is the native cryptocurrency of the XAYA blockchain. It uses triple-purpose mining (PoW) for consensus. Transactions and on-chain game moves are powered by CHI mining fees. WCHI is now available on the ethereum ecosystem as WCHI.



XELIS

Hardware:	GPU, CPU
Algorithm:	XelisHash
Current Supply:	2.5 Million*
Remaining:	15.9 Million

Block Explorer: <https://explorer.xelis.io/>

Wallet: <https://xelis.io/resources>

Pools: <https://miningpoolstats.stream/xelis>

Miner: <https://www.srbminer.com/>

Xelis is a brand new chain. XELIS is the world's first BlockDAG with Privacy, Speed, Scalability and Smart Contracts. A peer-to-peer (P2P) encrypted network ensures privacy by preventing traffic analysis, with all communication between nodes secured using ChaCha20-Poly1305 encryption, and keys are rotated frequently to enhance security. XELIS is also developing smart contracts and native XELIS VM (XVM) syntax to support the creation and deployment of decentralized applications and services, further expanding its ecosystem. Xelis is a great asset for any GPU or CPU to diversify their coin holdings and learn a new chain.



YENTEN

Hardware:	CPU
Algorithm:	YespowerR16
Current Supply:	28.4 Million*
Remaining:	51.6 Million

Block Explorer: <http://explorer.yentencoin.info/>

Wallet: <http://yentencoin.info/>

Pools: <https://miningpoolstats.stream/yenten>

Miner: <http://yentencoin.info/>

Yenten, the CPU mineable coin that basically died and now has been resurrected again. The purpose of the coin is to give everyone the opportunity to enter the cryptoworld, everyone who has an average processor in a computer can mine it. . With YTN being CPU mineable only, limited coin supply and easy to start Yenten is perfect for a beginner miner looking to get started in mining. Yenten offers a GUI miner for people just starting out in crypto. YTN is like a Memecoin, but this coin is not well established and you should approach this coin as a learning tool for beginners to crypto and mining. With a mobile wallet and a faucet allowing for anyone to set started today with Yenten.



ZANO

Hardware:	GPU
Algorithm:	ProgPowZ
Current Supply:	14.7 Million*
Remaining:	None

Block Explorer: <https://explorer.zano.org/>

Wallet: <https://zano.org/downloads>

Pools: <https://miningpoolstats.stream/zano>

Miner: <https://github.com/TrailingStop/TT-Miner-release/>

Zano is in the process of moving to a PoS model, but currently still being mined PoW. Zano is a powerful ecosystem with instant swaps, decentralized exchange, p2p crypto trading and more. The transactions between Zano network members are made untraceable with ring signatures and stealth addresses. The Zarcantum update will create privacy for Zano on a PoS model. With the adoption of PoS and many trading and exchange focused tools Zano will continue to be leader in decentralized exchanges and other forms of asset exchange. Zano even offers an aliases for easy of use and easy payment, which makes Zano great for commerce.



ZCASH

Hardware:	ASIC, GPU
Algorithm:	EquiHash
Current Supply:	16 Million*
Remaining:	5 Million

Block Explorer: <https://zecblockexplorer.com/>

Wallet: <https://z.cash/ecosystem/?wallet>

Pools: <https://miningpoolstats.stream/zcash>

Miner: <https://www.awesomeminer.com/>

Electric Coin Co. (ECC) created and launched the Zcash digital currency in 2016. Today — along with other independent teams and developers — ECC continues to support the Zcash. A decentralized asset with centralized control. Zcash miners pay a mining fee to the developers and in turn should receive constant updates and development for Zcash. ZEC is important in the crypto community, focusing on privacy and user experience. Zashi is the easiest way to use Zcash. It's a self-custody, Zcash-only, shielded wallet that gives you a way to send, receive, and spend \$ZEC. It's easy to start mining Zcash on your GPU and store with Zashi Wallet.



ZCLASSIC

Hardware:	GPU, FPGA
Algorithm:	Equihash192
Current Supply:	9.3 Million*
Remaining:	2.2 Million

Block Explorer: <https://explorer.zcl.zelcore.io/>

Wallet: <https://zclassic.org/>

Pools: <https://miningpoolstats.stream/zclassic>

Miner: <https://miniz.cc/>

Founded in 2016 as a fork of Zcash, Zclassic was created to eliminate founder rewards, forced taxes, and restrictive licensing. Embracing a transparent, community-driven ethos, Zclassic directs all block rewards solely to its miners and network participants. Zclassic began as a fork of Zcash, removing the 20% founder's reward and establishing a model where all newly minted coins are directed to miners. This foundational decision was made to uphold fairness and transparency, positioning ZCL as a cryptocurrency built entirely for its community. ZEC and ZCL coexist without impacting each other negatively. ZCL just recently updated their whitepaper in 2025 so developers are active.



ZEPHYR PROTOCOL

Hardware:	CPU
Algorithm:	RandomX
Current Supply:	5.7 Million*
Remaining:	Infinite

Block Explorer: <https://zeph.network/>

Wallet: <https://github.com/ZephyrProtocol/zephyr/>

Pools: <https://miningpoolstats.stream/zephyr>

Miner: <https://xmrig.com/>

The foundational cryptocurrency of Zephyr Protocol, functioning as the base coin and decentralized protocol reserve asset in ZEPH Djed inspired stablecoin protocol. The over-collateralized, private stablecoin of Zephyr Protocol. Pegged to the US Dollar backed by \$ZEPH in the decentralized protocol reserve, valued as \$1 worth of \$ZEPH. Representing a share of equity in the protocol's reserve, these coins offer a stake in the protocol's financial health and success. ZEPH had suffered a major hash/exploit in 2024, but the chain has stayed strong and continues to function well. Zephyr Protocol is a growing asset with a growing community and easy adoption.



ZILLIQA

Hardware:	ASIC, GPU
Algorithm:	Ethash
Current Supply:	20.3 Billion*
Remaining:	700 Million

Block Explorer: <https://viewblock.io/zilliqa>

Wallet: <https://www.zilliqa.com/wallets>

Pools: <https://miningpoolstats.stream/zilliqa>

Miner: <https://www.srbminer.com/>

ZIL is a native token for the Zilliqa blockchain built to enable and scale decentralised apps, from financial services to NFT marketplaces. Zilliqa was launched in 2017 when our founders created a high-throughput public blockchain platform designed to scale thousands of transactions per second. Zilliqa does not use PoW as a consensus mechanism. Instead, it uses a Practical Byzantine Fault Tolerance (PBFT) protocol. One reason Zilliqa uses PoW in this way is to prevent Sybil attacks, which assumes no more than a third of nodes in the network are malicious. Staking ZIL is a great way to earn rewards for decentralising the Zilliqa network, or start mining it's that easy.

Mobile Mining

Here is a list of some coins that you can mine on your phone. The term mining is used loosely because not all these coins are traditional proof of work.

Coinapp – Earn coin through coin app offering geolocation and bluetooth data and get paid out in XYO or other prizes (ARMv8 or above)

Nodle – NODLE runs on zksync and is easily mineable with any geolocation and bluetooth compatible device (ARMv8 or above)

Pi Network – PI runs on Stellar technology and is mineable by offering compute resources to the network.

(Most Mobile Devices are Compatible)

BDAG – BDAG uses DAG technology to runs its blockchain and is similar to Pi Network.

(Most Mobile Devices are Compatible)

Global Boost-Y – BSTY uses a traditional proof of work algorithm and is mined with computational power.

(Android Friendly, use AA Miner APK on github for miner)

Duino Coin – DUCO is a centralized network focused on arduino hardware mining.

(DUCO is optimized for arduino, but anything can mine it)

Cheetah Coin – CHTH is a SHA-256 with random spike technology allowing even phones to be able to mine.

(CHTH mining requires a node and miner configuration)

RESOURCE LIST

Bitcoinist - This website is a great resource for news and information about blockchain, crypto.

<https://bitcoinist.com/>

Bitcointalk - Bitcointalk is the original crypto blog and hosts most of the newest and upcoming coins and tokens. You can find tons of information and original launch pages for many assets.

<https://bitcointalk.org/>

Bitmain - A crypto hardware developer. They design ASIC miners for Bitcoin and other PoW cryptocurrencies.

<https://www.bitmain.com/>

Bitget - One of the largest cryptocurrency exchanges in the world.

<https://www.bitget.com/>

Bybit - One of the largest cryptocurrency exchanges in the world, they specialize in trading, leverage and is more designed for active traders.

<https://www.bybit.com/en/>

Coingecko - A platform for news about price, new coins, tokens, exchanges, DeFi, NFTs and more. Coingecko is a reliable source for coin and tokens because they have listing requirements.

<https://www.coingecko.com/>

Coinmarketcap - A platform for news about price, new coins, tokens, exchanges, DeFi, NFTs and more. Coinmarketcap is a great resource for new coins and people searching for information on more obscure coins/tokens.

<https://coinmarketcap.com/>

Coinbase - One of the largest cryptocurrency exchanges in the world, Coinbase is more designed of the average investor looking for a investment platform instead of a trading platform.

<https://www.coinbase.com/>

Dappradar - Helping people discover the top blockchains, fast-growing dapps, and trending tokens. Track what's hot and uncover new crypto gems.

<https://dappradar.com/>

Decrypt - The latest artificial intelligence news, in-depth features, explainers, and analysis, spanning from generative to transformational technology and beyond.

<https://decrypt.co/>

DeFiLlama - A DeFi Total Value Locked (TVL) aggregator. It is committed to providing accurate data without ads or sponsored content, as well as transparency.

<https://defillama.com/>

Futurebit - A crypto hardware developer. They design ASIC miners for Bitcoin and other PoW cryptocurrencies.

<https://www.futurebit.io/>

Goldshell - A crypto hardware developer. They design ASIC miners for Dogecoin and other PoW cryptocurrencies.

<https://www.goldshell.com/>

Iceriver - A crypto hardware developer. They design ASIC miners for ALEO and other PoW cryptocurrencies.

<https://www.iceriver.io/>

Innosilicon - A crypto hardware developer. They design ASIC miners for Litecoin and other PoW cryptocurrencies.

<https://innosilicon.shop/>

Investopedia - An amazing resource for anything financial. Whether it's just a specific term or word you aren't familiar with or you are trying to learn how to read chart patterns Investopedia is an extremely useful and powerful website. Founded in 1999 with the mission of helping people improve their financial outcomes.

<https://www.investopedia.com/>

Justlend - DeFi lending platform that runs on the Tron Network.

<https://justlend.org/>

Kucoin - One of the largest cryptocurrency exchanges in the world, Kucoin is a global investment platform but is not available in USA. They have great charts.

<https://www.kucoin.com/>

Miningpoolstats - The ultimate resource for Miners in terms of hashrates, pools, and more. This website is the go to site if you want to become a crypto miner.

<https://miningpoolstats.stream/>

Publishox - Publish0x is a Crypto agnostic platform where both authors and readers. Earn Crypto for Publishing and for reading and watching content.

<https://www.publish0x.com/>

Steemit - A self publishing platform for writers, artists and more that allows anyone to contribute and earn crypto.

<https://steemit.com/>

Thedapplist - Web3 projects curated by the community. A community-governed hand-picked selection of the latest projects from DeFi, NFT, Metaverse, Gaming, DAOs & more

<https://thedapplist.com/>

Tradingview - A power platform for charts, pricing and more. Known for their power charts in the market, many exchanges use their charts such as Kucoin and even NONKYC.

<https://www.tradingview.com/>

CRYPTO APP LIST

Brave Browser - A great browser that allows you to earn crypto while using the app.

<https://brave.com/>

Click - A social media platform designed for sharing media

<https://www.nodle.com/click-app>

Coinbase Wallet - An app that allows you to connect to crypto networks and dapps

<https://www.coinbase.com/wallet>

Element - A wallet for using and engaging the CoreChain network.

<https://www.elementwallet.com/>

Exodus - A desktop wallet that allows easy and quick access to your crypto assets.

<https://www.exodus.com/>

Helium Wallet - An app designed to help manage your HNT wallet and vote on HIP

<https://www.helium.com/>

Leo Wallet - A wallet for using and engaging the ALEO

<https://www.leo.app/>

Math Wallet - A wallet for using and engaging any smart contract chain. It's extremely powerful and easy to use.

<https://mathwallet.org/en-us/>

Metamask - The go to when it comes to Ethereum or similar EVM networks. Meta mask is easy to setup and easy to use. Great for BNB and other similar chains.

<https://metamask.io/>

OrBot - OrBot is a free VPN, needed for Deep Onion but anyone can use at no cost.

<https://orbot.app/en/>

Roam - A powerful app that allows users to offer bandwidth for payment. Also, create and use Global eSim cards.

<https://www.weroam.xyz/>

TronLink - The best app when it comes to Tron and using the Tron network. Very intuitive and easy to use. Offers all the basic functions of Tron on one app.

<https://www.tronlink.org/>

Trust Wallet - A very powerful wallet developed by Binance. offers not only asset storage but also easy staking and access to DeFi and other network Dapps.

<https://trustwallet.com/>

TERMS AND DEFINITIONS

Algorithm - Hashing algorithms (like SHA-256 used in Bitcoin) are used to encrypt data and create unique identifiers for blocks of transactions.

Altcoins - This term is short for alternative coins and it means any coin other than Bitcoin

APR - Annual Percentage Rate, this is the average amount someone can expect for a total return over a year. 5% APR for a \$100 is \$5 annually.

Bear - A bear or bearish sentiment means people believe the price is going down or want the price to go down.

Bearish - The idea that the price of an asset is going down compared to fiat currency or money.

BEP-20 – Binance Chain Definition

BFT - Byzantine Fault Tolerance, BFT consensus mechanisms work by requiring a certain percentage of nodes in the network to agree on a transaction before it is added to the blockchain.

Bitcoin - Bitcoin is the first cryptocurrency using the proof of work concept

Bull - A bull or bullish sentiment means people believe the price is going up or want the price to go up.

Bullish - The idea that the price of an asset is going up compared to fiat currency or money

CBDC - Stands for Central Bank Digital Currencies

CEX - An acronym for Centralized Exchanges

CLI - CLI stands for Command Line Interface

COINS - Coins represents any cryptocurrency that is mineable. This may be confusing because many tokens use the "Coin" in their name such as Shiba Inu Coin (SHIB). Compared to Shiba Inu Coin (SHIC), which is proof of work and is not just named Shiba Inu coin but is actually a coin.

DeFi - An acronym for Decentralized Finance and a term for financial services built on blockchain technology, enabling peer-to-peer transactions and financial activities without a need for banks.

DePIN - An acronym for Decentralized Physical Infrastructure. A concept that uses blockchain technology to incentivize individuals to build and maintain physical infrastructure networks.

DEX - An acronym for Decentralized Exchanges

Diamond Hands - Referring to people who hold/hodl but never consider selling. Complete faith in the future of Bitcoin or a specific asset.

DXY - This is known as the Dollar Index and refers to the purchasing power and current value of the US Dollar

ERC-20 – Ethereum Token

EVM - Ethereum Virtual Machine

Fren - Play on words from Friend. Relating to the Coin/Token/Meme

Fiat - Dollars "usually paper" issued by a central bank or government.

F.T.C. - Federal Trade Commission

GUI - Graphical User Interface

HODL - Hold just misspelled but means to keep for a long time, very long term

ICO - Initial Coin Offering

Laser Eyes - Staying focused on the future use case, adoption, price of the crypto space, a specific coin/token and more. Could be any asset or literally anything.

Minimum Deposit - Refers to the smallest amount of an asset you can send to an exchange without automatically forfeiting the deposit.

PRIVATE KEY - This is your secret password to access your funds on any given blockchain.

PROOF OF AUTHORITY - This concept allows for trusted parties to mint blocks and they are usually determined based on their reputation and identity.

PROOF OF STAKE - Refers to a concept that secures a network by having validator nodes to mint blocks instead of computational power. Usually depend on "locking" your assets for an extended period of time in order to earn APR, similar to interest earned in traditional finance.

PROOF OF WORK - Referring to the method of solving a hashing algorithm's "block" in order to earn rewards.

PUBLIC KEYS - This is your receiving addresses and this is how you will send and receive coins or tokens from any asset.

Satoshi – The name of the smallest denomination for Bitcoin 0.00000001.

S.E.C. - Security Exchange Commission

SEED WORDS - This is your secret password to access your funds on any given blockchain.

SMART CONTRACT - A program designed to automatically execute on a blockchain.

STABLE COINS - USDC (USDC) is an asset backed stablecoin whose value is pegged to the U.S. Dollar (USD). Every USDC token in circulation is backed by \$1 USD in cash or cash equivalents, such as short-term U.S. Treasury bonds held by regulated U.S. financial institutions.

Ticker - A set of letters or symbols that represent a specific asset, for example Bitcoin's ticker is BTC.

Tokenomics - This term refers to the distribution and allocation of the coin/token. Whether there is a premine, or developer funds, or just a standard halving like Bitcoin.

Tokens - A digital asset or class of assets that are designed to run on a specific blockchain or network. They are reliant on the network they are built on to function, for example Chainlink runs on Ethereum.

TRC-20 – Tron Token

Withdrawal fees - Referring to the cost of withdrawing your assets from an exchange. Most exchange charge a fee for withdrawal, this is not to be confused with a network fee which will always need to be paid when using a chain. The withdrawal fee refers to an additional charge added by the exchange.

















