

# Litecoin Finance White Paper

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Litecoin Finance is a result of Litecoin forking, to create more stable blockchain protection by changing the algorithm from scrypt to Yescrypt32 - modified yescrypt <https://github.com/defuse/yescrypt/blob/master/new-spec/yescrypt.txt> . Various alternative currencies have come and gone. Some brought innovation, but they all had problems.

LitecoinFinance is a peer-to-peer Internet currency that enables instant, near-zero cost payments to anyone in the world. Litecoin Finance 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 Finance features faster transaction confirmation times and improved storage efficiency than the leading math - based currency - Litecoin.

## **Blockchain**

The Litecoin Finance blockchain is capable of handling higher transaction volume than its counterpart - Litecoin. Due to more higher block maximum size: 8 mb the network supports more transactions without a need to modify the software in the future.

As a result, merchants get faster confirmation times.

## **Wallet Encryption**

Wallet encryption allows you to secure your wallet, so that you can view transactions and your account balance, but are required to enter your password before spending Litecoin Finance coins.

This provides protection from wallet-stealing viruses and trojans as well as a sanity check before sending payments.

## **Open Source Software**

Litecoin Finance is an open source software project released under the MIT/X11 license which gives you the power to run, modify, and copy the software and to distribute, at your option, modified copies of the software. The software is released in a transparent process that allows for independent verification of binaries and their corresponding source code.

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## What is different between Litecoin and Litecoin Finnacle

<b>Litecoin Finance</b>		<b>Litecoin</b>
1550000	<b>Start fork block</b>	none
LTFN	<b>Ticker</b>	LTC
YescryptR32	<b>Pow Algorithm</b>	Scrypt
39328	<b>P2P Port</b>	9333
39327	<b>RPC Port</b>	9332
C	<b>Address letter prefix</b>	L
N	<b>Multisig Address prefix</b>	M
ltn	<b>Bech32 Address prefix</b>	ltn
2.5m	<b>Block time</b>	2.5m
POW	<b>Proof of Work</b>	POW
840,000 blocks	<b>Reward halves</b>	840,000 blocks
50 coins	<b>Reward</b>	50 coins
Yes	<b>2-way replay protection</b>	no need
100 + 1 blocks	<b>Maturity</b>	100 + 1 blocks
8 mb	<b>Block maximum size</b>	4 mb
Every block	<b>Difficulty Re-target</b>	2016 blocks
DarkGravityWave 3	<b>Difficulty Re-target algo</b>	Standart BTC
94m	<b>Maximum coin supply</b>	82m
a7b388e9	<b>Network magic</b>	fb0b6db
10m	<b>Postmine</b>	Unknown
Yes	<b>Segwit</b>	Yes

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## Source code

The source code is here:

<https://github.com/litecoinfinance/litecoinfinance>

This is based on the latest Bitcoin code. You can either build the daemon version (litecoinfinanced) or you can build the gui version (Litecoin Fianance QT). See the build docs.

Similar to Bitcoin, you may want to create a litecoinfinance.conf file here:

Windows: C:\Documents and Settings\\Application Data\Litecoinfinance

Win7: C:\Users\\AppData\Roaming\Litecoinfinance

Mac: ~/Library/Application Support/Litecoinfinance

Unix: ~/.litecoinfinance

Port is 39328. Open if on your router if you know how. This will allow you to have more than 8 connections.

And default RPC port is 39327. This is the port miners will use to communicate with your client/daemon.

Sample litecoinfinance.conf file:

### Code:

```
rpcuser=User  
rpcpassword=Password  
server=1  
listen=1  
daemon=1  
txindex=1  
rpccallowip=127.0.0.1  
rpcport=9332  
rpcthreads=128  
rpcworkqueue=1024  
maxconnections=12  
rpccallowip=127.0.0.1
```

Link to Bitcoin White Paper  
<https://www.bitcoincash.org/bitcoin.pdf>