**Bitcoin Wallet Storage and Security**

Easiest way to be most secure is a Hardware wallet –

**ledger nano S wallet** = ~68 USD <https://shop.ledger.com/products/ledger-nano-s>

<https://www.youtube.com/watch?v=YI1OntWB7wc>

**trezor one wallet** = ~54 USD(on sale for 34 usd now) [https://shop.trezor.io](https://shop.trezor.io/)

<https://www.youtube.com/watch?v=pT1j_kbZBEo>

**Trezor Model T** = ~164 USD [https://shop.trezor.io](https://shop.trezor.io/)

<https://www.youtube.com/watch?v=i3BIo5Ac_n4>

**Cold Card Hardware wallet** = 119.97 USD <https://store.coinkite.com/store/coldcard>

<https://www.youtube.com/watch?v=kocEpndQcsg>

<https://www.youtube.com/watch?v=f8dBNrlwJ0k>

**Digital Bitbox 02** = 109 USD <https://shiftcrypto.ch/bitbox02/>

<https://www.youtube.com/watch?v=tdP_7LgZw7s>

<https://www.youtube.com/watch?v=z7nRq2OEhiw>

Next step in security is to combine one of the hardware wallets above with a full node.

This is Typically done with Electrum Personal Server + Hardware wallet (Ledger or trezor) + Electrum

<https://github.com/chris-belcher/electrum-personal-server>

Here is a guide to setup electrum personal server - <https://www.youtube.com/watch?v=1JMP4NZCC5g>

<https://support.ledger.com/hc/en-us/articles/115005161925-Set-up-and-use-Electrum>

<https://blog.trezor.io/using-trezor-with-electrum-v3-a0b9bcffe26e>

Nest step (If you are securing 1 million usd of btc or more) you should consider more advanced security – as shown below:

There are many complex solutions to increase your security with cold storage from:

Glacier Protocol -

* <https://glacierprotocol.org/>

SSS

* <https://blog.trezor.io/shamir-backup-the-revolution-of-private-keys-backup-is-here-858687ed7fe7>
* <https://github.com/satoshilabs/slips/blob/master/slip-0039.md>

Why Multisig is better –

* <https://blog.keys.casa/shamirs-secret-sharing-security-shortcomings/>
* <https://keys.casa/>

Multisig of HW wallets –

* <https://saleemrashid.com/2018/01/27/hardware-wallet-electrum-multisig/>

Multisig of paper wallets

* <https://www.bitcoinarmory.com/>
* <https://github.com/goatpig/BitcoinArmory/releases>
* <https://bitcoinelectrum.com/creating-a-multisig-wallet/>

<https://github.com/BlockchainCommons/SmartCustodyWhitePapers/blob/master/%23SmartCustody-_Simple_Self-Custody_Cold_Storage_Scenario.md>