Nano (NANO)

About : Launched in 2015 by Colin LeMahieu as RaiBlocks, Nano is a low-latency payment platform that requires minimal resources; making Nano ideal for peer-to-peer transactions.

Nano uses a block-lattice structure. Each account has its own blockchain (account-chain), equivalent to the account's transaction/balance history. Each account-chain can only be updated by the account's owner; this allows each account-chain to be updated immediately and asynchronously to the rest of the block-lattice, resulting in quick transactions. Since blocks can only be added by each account-chain's owner, transferring funds from one account to another requires two transactions: a send transaction deducting the amount from the sender's balance and a receive transaction adding the amount to the receiving account's balance.

Advantages:

1) **Instant transactions :** Nano transactions happen immediately, so it's a currency you can use every day for purchases large or small.

2) Zero fees : Pay for the purchase, not the privilege – zero fees on whatever you buy, from bus ticket to business class flight.

3) Infinitely scalable : Nano can process over 1000x more transactions per second than Bitcoin, so you'll never get stuck in a queue.