Qtum (QTUM)

About :

A decentralized and open-source smart contracts platform and value transfer protocol.

Qtum uses proof-of-stake consensus, meaning node operators are rewarded for validating transactions.

A DGP governed blockchain where community participants can vote to change certain network parameters.

Advantages :

1. **The blockchain made ready for business :** Separating the settlement and computation layers of blockchain allow for greater flexibility. Qtum's stacked approach enables multiple virtual machines or run environments to operate on top of the blockchain.

2. **Expanding the smart contract ecosystem :** QTUM is about to revolutionize the way Smart Contracts are viewed, developed and used. With the x86VM, QTUM will be the first blockchain platform to allow next-gen DAPPS become a reality. Developers will be able to build Smart Contracts for QTUM using mainstream languages.

3. **Mitigating & solving scalability :** Qtum employs a decentralized governance protocol allowing for blockchain parameters like the block size, block time, gas schedules, and the minimum gas price for contracts to be modified without requiring a fork. Additionally, the Qtum team is working diligently on lightning networks & payment channels to allow for 20,000+ tps.

Goal : From Qtum's consensus algorithm to our support of the Simple Payment Verification (SPV) protocol, our goal is to keep the network decentralized and bring smart contracts to everyone, including light clients in low bandwidth environments.