

State Models: UTXO vs Account-Based

UTXO Model (Bitcoin)



Each "coin" is a separate UTXO

- + Discrete "coins"
- + Parallel processing
- + Better privacy
- Complex state tracking
- No nonce needed

Account Model (Ethereum)



Single balance per address

- + Simple balance tracking
- + Easy smart contracts
- + Lower storage
- Sequential nonces
- Less privacy