Ethereum Node Types

Full node

- Participates in block validation, verifies all blocks and states
- Serves the network and provides data on request
- All states can be derived from a full node
- Stores full blockchain data
- **1125 GB** (on Geth), 554 GB (on OpenEthereum)

Archive node

- Stores everything kept in the full node and builds an archive of historical states.
- Needed if you want to query something like an account balance at block #4,000,000
- can be handy for services like block explorers, wallet vendors, and chain analytics
- simply and reliably test your own transactions set
- These data represent units of **terabytes**
- 9,3 TB

Light node

- Stores the header chain and requests everything else
- Useful for low capacity devices, such as embedded devices (Raspberry Pi) or mobile phones, which can't afford to store gigabytes of blockchain data
- Can verify the validity of the data against the state roots in the block headers
- **440 MB**