Hardware and Software requirement for ARM.

There are minimum requirements on your hardware and software for running a Verus Wallet on ARM-devices. If your platform does not meet the minimum requirements, you may not be able to run the required software.

The listed requirements are for running **one** chain. Additional PBaaS chains require more resources.

Verus Wallet on CLI

[↑]

Absolute minimum requirements:

- 64-bit processor
- 64-bit Operating system (Raspbian is standard 32 bit)
- 2 GB memory + 6 GB Swap available to the CLI Wallet
- 20 GB storage space for Verus Blockchain and CLI wallet
- internet connectivity
- `libgomp1` and `zlib1g-dev` libraries installed

Recommended requirements

- 64-bit processor with AES functions enabled
- 64-bit Operation system (Raspbian is standard 32 bit)
- 4 GB memory or more + 6 GB Swap available to the CLI Wallet
- 50 GB storage on a *fast* medium (like NVMe device) for the Verus Blockchain & CLI wallet. This supplies room for blockchain growth over time and the ability to bootstrap the wallet.
- internet connectivity
- `libgomp1` and `zlib1g-dev` libraries installed

Verus Wallet on GUI

[↑]

Absolute minimum requirements:

- 64-bit processor
- 64-bit Operating system (Raspbian is standard 32 bit) with GUI interface
- 2 GB memory + 8 GB Swap available to the Verus Desktop Wallet
- 25 GB storage space for Verus Blockchain and Verus Desktop.
- internet connectivity
- `libgomp1` and `zlib1g-dev` libraries installed

Recommended requirements

- 64-bit processor with AES functions enabled
- 64-bit Operation system (Raspbian is standard 32 bit)) with GUI interface
- 8 GB memory or more + 6 GB Swap available to the CLI Wallet
- 50 GB storage on a *fast* medium (like NVMe device) for the Verus Blockchain & CLI wallet. This supplies room for blockchain growth over time and the ability to bootstrap the wallet.
- internet connectivity
- `libgomp1` and `zlib1g-dev` libraries installed

Staking

[↑]

Absolute minimum requirements:

- All requirements to run a wallet

Recommended requirements

- All requirements to run a wallet
- A fully configured and functioning NTP client, to keep your clock synchronized
- Low latency internet connectivity

Solo Mining

[↑]

Absolute minimum requirements:

- All requirements to run a wallet

Recommended requirements

- All requirements to run a wallet
- 64-bit processor with AES functions enabled
- Low latency internet connectivity

Pool Mining

[↑]
- 64-bit processor with AES functions enabled
- 64-bit Operation system (Raspbian is standard 32 bit)
- ARM release of CCMiner or NHEQminer
- Low latency internet connectivity
- A public address to mine to
- A public mining pool to connect to

Note: Revision date 2023-01-12.