

iCryptoNode Bitcoin Setup Instructions

Thank you for purchasing iCryptoNode. If you need assistance, please post to our Reddit page at:

- <https://reddit.com/r/iCryptoNode>
- Alternatively, email support@icryptonode.com (but Reddit is preferred!)

You can download these instructions at <https://bit.ly/btc-icn-guide>

Step 1 - Connect Ethernet Cable

- Plug an Ethernet cable into your internet router and the Raspberry Pi.
 - Even if you want to use Wifi, you still need to setup iCryptoNode with a wired connection to configure your Wifi settings. You can unplug it from the router after you configure Wifi.

Step 2 - Plug In iCryptoNode

- Plug the power cable into an electrical outlet and the micro-USB power port in the Raspberry Pi. You should see lights on the Raspberry Pi.
- Wait 3 minutes for the system to boot up.

Step 3 - Connect to iCryptoNode Software

- Be on a phone or laptop connected to the same network as iCryptoNode.
- Open up a web browser (Chrome, Safari, Internet Explorer, etc.)

If on MacOS or Linux:

- Navigate to <http://icryptonode.local>
 - Be sure to type in "http://" before the address! Google and other search engines may think you are searching for a website.

If on Windows, or if you are on Mac or Linux and <http://icryptonode.local> did not work:

- You must figure out the local IP address of the Raspberry Pi on your network.
- The easiest way to figure this out is with the free "Network Analyzer" application on iOS and Android:
 - Network Analyzer Website: <https://techet.net/netanalyzer/>
 - Install Network Analyzer on your iPhone, iPad, or Android device
 - Connect your mobile device to the same network that iCryptoNode is connected to
 - Open the Network Analyzer app and use the Scan button to scan your network.
 - The iCryptoNode should be a "raspberrypi" device. If not, look for a device that is active
 - Go to the IP address in your web browser. For example, the device could be <http://10.0.1.8/> or <http://192.168.10.44>

Step 4 - Configure iCryptoNode Settings

Wifi (If Needed)

- Go to the Wifi tab and enter your Wifi Name, Password, and click the Save button.
- Unplug the Ethernet cable
- Wait 3 minutes. If the device does not automatically connect to Wifi, restart the device by unplugging the power and plugging it back in. It should automatically connect to Wifi on restart with the Ethernet disconnected.

VPN

Anonymous VPN protects you from people watching your Bitcoin transactions. It is built into iCryptoNode if you would like to use it, and is recommended for maximum security.

- Create an account with Private Internet Access: <https://bit.ly/anon-vpn>
- Go to the VPN tab and set VPN to Enabled, set your VPN country, enter your Private Internet Access username and password, then click the Save button.
 - You can switch your VPN country at any time.

Bitcoin Settings

By default, your iCryptoNode is running a remote node accessible on your local network only. It's settings are:

- Daemon RPC Username: icryptonode
- Daemon RPC Password: salmonsushi
- Daemon RPC Port: 8332

You can change any of these settings if you'd like, but you will need to update your wallet client with the new settings.

Step 5 - Connect Bitcoin Wallet Client

You can connect to iCryptoNode with any Bitcoin wallet client that supports remote nodes. Your wallet ***is not*** stored on the iCryptoNode - it is managed and operated by your wallet client for safety. iCryptoNode is the full blockchain node that interacts securely with the Bitcoin network.

Many people want to run their own full node to support the Bitcoin network's decentralization, have the full blockchain without wasting their own laptop's resources (disk / network / CPU), and have 24/7 uptime. However, if you want to run your own wallet safely, please read the instructions below.

Privacy is absolutely essential if you want to transact safely on the Bitcoin network without being tracked. We recommend using the **Wasabi Wallet** located at <https://wasabiwallet.io/>

Wasabi Wallet is a privacy-focused Bitcoin wallet that works with remote nodes (like iCryptoNode), has "CoinJoin" support built in to automatically mix your Bitcoin to anonymize them, and automatically connects to the "Tor" privacy network to prevent anyone from tracking your activity. **IMPORTANT:** If concerned about privacy, you should still connect to VPN on the iCryptoNode itself to ensure your Bitcoin blockchain node is also hidden!

The instructions below are for using the **Wasabi Wallet** software, but you can adapt them for whatever wallet you use.

- Navigate to the Tools -> Settings page.
- Go to the “Alternative Block Source for Main” section.
- In the “Bitcoin P2P Endpoint” field, enter the IP address you used to connect to the iCryptoNode web management software in Step 3, or icryptonode.local if you were able to connect with that, followed by the port 8333
 - Do not add “http://” or any other characters
 - For example, 192.168.0.139:8333
- Wasabi Wallet will now download blocks from your local node.

Conclusion

Thank you for purchasing iCryptoNode! We hope you enjoy our product.

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