

nSynC K10 Batterlyess Quick Start Guide



Rev A02

Getting Started

Congratulations on the purchase of an nSynC product for your Lenovo Tab K10 Batteryless (TB-X6C6NB). The nSynC K10 Batteryless product family makes it possible to simultaneously power the Lenovo tablet while working with various USB peripherals such as printers, mice, keyboards, and even external hard drives. This mode of operation is called SimulCharge. (This product family is a variation of the nSynC product family which provide simultaneous charging and data to compatible USB-C devices.)

As the tablet does not have its own battery, it is powered through the adapter as long as external power is attached. The adapter also supports Docking Detect, which ensures the mobile device enters the correct state during a “hot connect” to the LAVA product.

The nSynC product line provides the following features:

- Access USB peripherals while simultaneously power a mobile device
- Keep the Lenovo Tab K10 Batteryless connected to power 24/7
- Attach USB peripherals at any time
- Connect and access multiple USB peripherals (product specific)
- Provide a wired Ethernet connection to the tablet (product specific)
- Power tablet via PoE (product specific)
- Power via an unregulated DC power supply (product specific)

Your hardware purchase will include:

- nSynC K10 Batteryless device

Prior to proceeding with the instructions in this document, ensure you have obtained:

- Lenovo Tab K10 Batteryless tablet
- A USB-C to USB-C cable which supports **both data and charging**

Hardware Setup

Requirements:

- nSynC K10 Batteryless product
- USB-C to USB-C cable that supports both **data and charging**
- Lenovo Tab K10 Batteryless tablet
- Ethernet cable for PoE or 15-36 VDC power supply (depending on nSynC product)

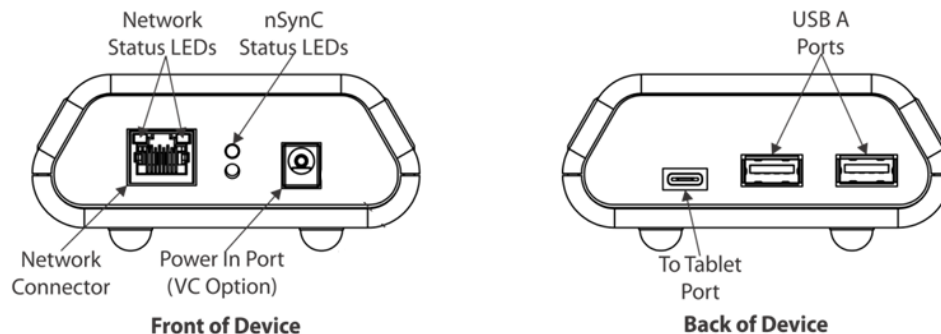


Figure 1: Standard connection of nSynC K10 Batteryless product to mobile device

Setup Procedure:

1. **For PoE units:** Select nSynC K10 Batteryless products can be powered using a PoE Switch or Injector, connected to the Ethernet Port.

For VC units: Most nSynC K10 Batteryless products can be powered using a 15-36V power supply with a 2mm center positive barrel jack connector, connected to the port marked "15-36 VDC In". The attached power supply and wiring are responsible for providing short circuit protection.

Note: For VC units, when connecting the LAVA product to the supply, ensure the wiring is such that the center pin is positive. If the polarity is reversed, the damage to the LAVA product is **immediate**. Application of the wrong input voltage violates LAVA's Manufacturer Warranty.

2. Once the product is powered, the yellow and green status LEDs will blink together three times, indicating that the unit is receiving power. The yellow status LED will continue blinking, while the green status LED will turn off to indicate the tablet is not attached.
3. Plug one end of the USB-C to USB-C into the mobile device's USB-C port, and the other end into the nSynC K10 Batteryless port marked "Mobile Device Data & Power Output".
4. Once connected, the green status LED will turn on to indicate that the tablet has been detected and a connection has been established.
5. Plug your peripherals and/or Ethernet cable into network (if applicable).

Wired Ethernet Configuration (for Ethernet-capable products)

Depending on your network configuration, you may need to enable or reconfigure the wired connection settings on the Lenovo Tab K10 Batteryless.

After establishing a connection with the nSynC product, the Ethernet configuration option should be available in the Settings menu of your mobile device (i.e. Settings > Connections > More connection settings > Ethernet).

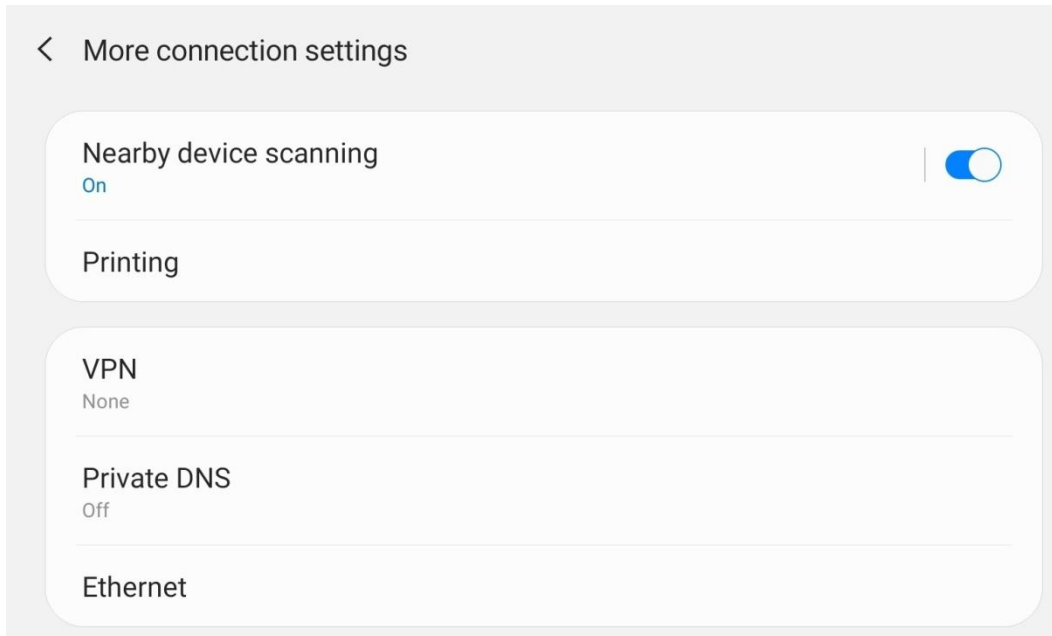


Figure 2: More connection settings on mobile device.

It may be necessary to enable or disable the wired connection on your tablet. This can be done by ensuring the Ethernet option is selected (i.e. enabling the connection) or deselected (i.e. disabling the connection) on the Ethernet page.

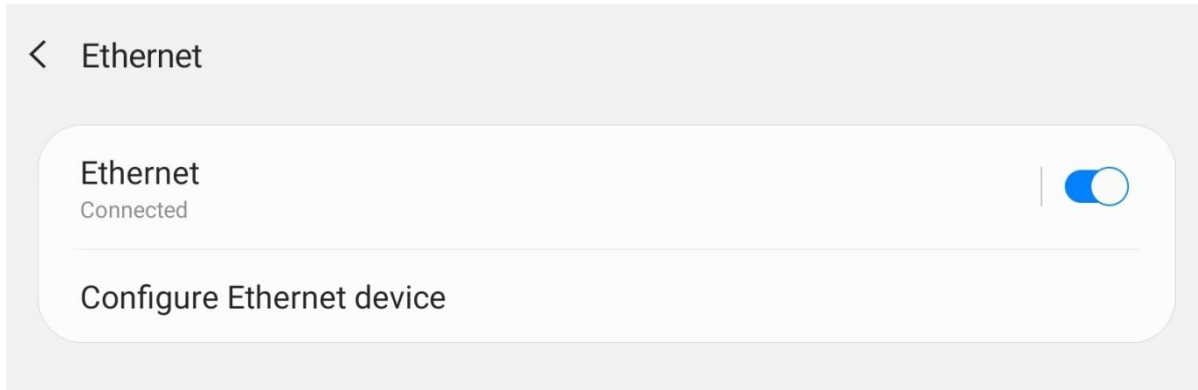


Figure 3: Ethernet enabled on mobile device

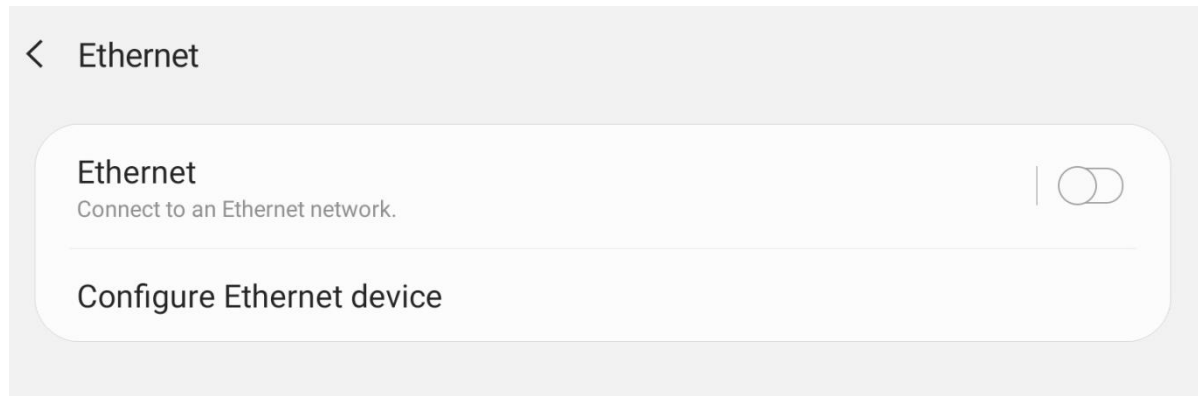


Figure 4: Ethernet disabled on mobile device

The Lenovo tablet should have DHCP enabled by default. If your network does not have a valid DHCP server, you will need to manually configure an IP Address for the device.

To manually configure an IP Address, you will need to disable the Ethernet connection on the Ethernet page before selecting "Configure Ethernet Device". From here, you can select "Static IP" and specify the IP Address settings to be used by the mobile device.

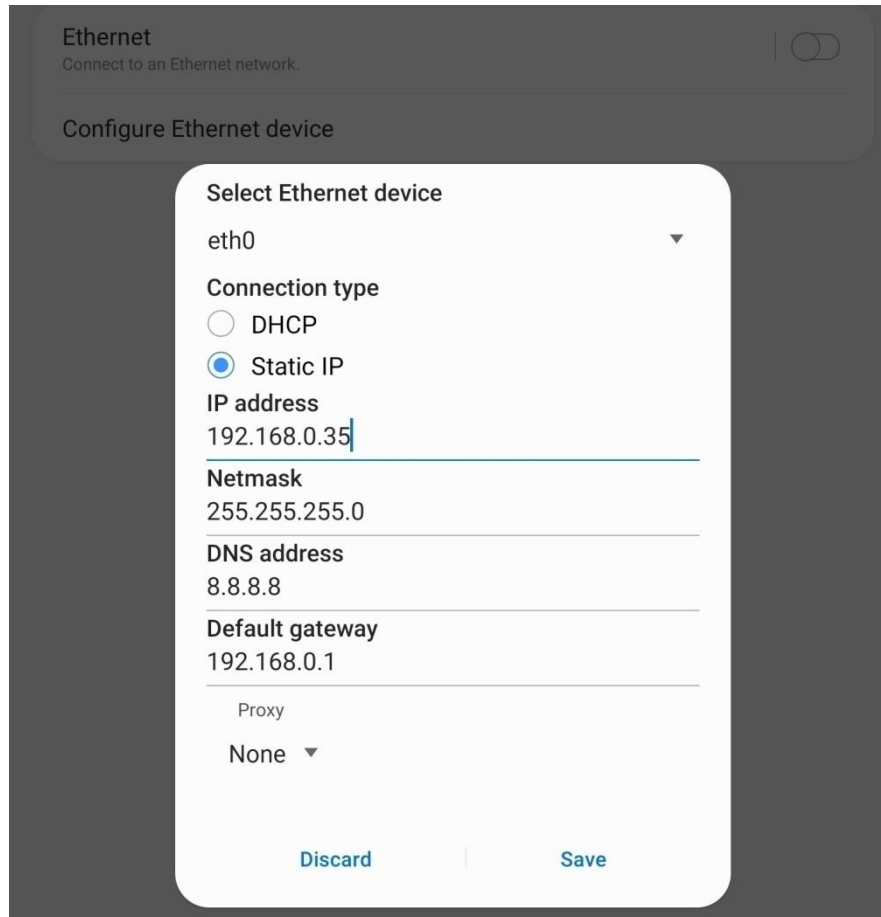


Figure 5: Example of Static IP configuration on a mobile device

Once the IP Address has been configured, you will need to re-enable the connection on the Ethernet page in order to use the wired connection.

LAVA Technical Support

9:00 am to 5:00 pm Monday to Friday (Eastern Time)

Tel: +416 674-5942
Toll Free (US & Canada): 1-800-241-5282

E-mail: tech@lavalink.com
Web: www.lavalink.com



This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Lava Computer MFG Inc. 908 Niagara Falls Blvd. #629. North Tonawanda NY 14120-2060