

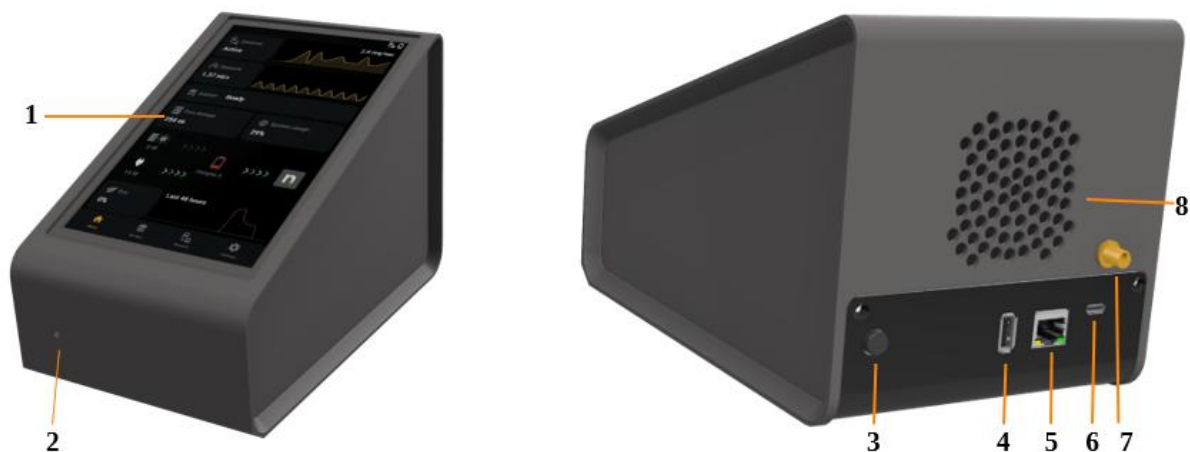
Introduction to the NanoBox

The NanoBox is a dedicated hardware device that runs the Nano client software. It includes an internal hard drive-based file storage system that stores data in an encrypted format.

The purpose of the NanoBox is to provide a dedicated, portable, and secure solution for running the Nano client and storing data. Being a standalone device, it avoids issues related to software installation, while its internal storage offers strong security.

With the NanoBox, you can conveniently and securely share, delete, and modify stored data from anywhere in the world. This unique system offers features such as ease of use, quick setup, secure remote access to your data, and collaborative document editing.

External Peripherals of the NanoBox






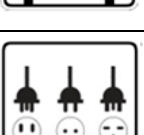
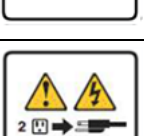



No.	Designation
1	8" 800x1280 TFT touch display
2	Status Indicator LED
3	Power On/Off Push Button
4	USB 2.0 Port
5	RJ45 Ethernet Port
6	USB-C Charging Port
7	Optional External Wi-Fi Connector (SMA(f))
8	Cooling Fan

NanoBox Datasheet

System	NanoBox
Display Size	8"
Display Type	Capacitive Touchscreen
Brightness	300 cd/m ²
Input Voltage	5 – 20V
System Memory	8 GB, LPDDR4
Built-in Battery	Yes
Battery Type	2 x 18650 Lithium Batteries (2 x 3.6V, 3400 mAh)
Upgradeable Internal Storage	1TB, 2TB, 4TB
Supported Internal Storage	Interface: SATA Number of Connectors: 2 Connector Type: M.2 Supported Sizes: 2230, 2242, 2260, 2280
Built-in Fan	Yes
Operating Temperature Range	32 – 104 °F; 0 – 40°C
Storage Temperature Range	-4 – 140 °F; -20 – 60°C
Operating Humidity	5 – 95%
External Connectors:	1 x RJ-45 GbE LAN Port 1 x USB-C Port (Power Connector) 1 x USB-A 2.0 Port

Safety Instructions

	Keep the device away from direct sunlight and chemical substances. Ensure that no sudden changes in temperature or humidity occur in the device's environment.
	Always place the device in an upright, correct position.
	Do not place the device near water or other liquids.
	Unplug the power cord before starting the cleaning process. Use a slightly damp or dry paper towel for cleaning. Do not use chemical agents or aerosol cleaners. Make sure no water gets into the device.
	To prevent the device from tipping over, do not place it on an unstable surface.
	Connect the power cable to a socket with the appropriate voltage. Ensure that the power supply is adequate and stable.
	To fully power off the device, unplug all power cables from the electrical outlet.
	There is a risk of explosion if the battery is replaced with an incorrect type.

Installing and Removing the Storage Drive

Warning! Install or remove storage drives **only when the device is powered off and disconnected from all power sources!**

1. Place the device on a soft, flat surface with the display facing downward. Be careful not to damage the screen..
2. Unscrew the Phillips head screws marked in the image on the back panel, then carefully slide the bottom cover plate toward the rear of the device to remove it.
- 3.



4. After removing the cover plate, you will have access to the internal M.2 SSD slots. The device features 2 M.2 slots compatible with the following SSD sizes: **M.2 2230, 2242, 2260, 2280**.
5. Insert the SSD module into the appropriate slot, then secure it with the included screw.



6. Finally, slide the bottom cover plate back into place and secure it with the screws.

Battery Replacement

Warning! Perform battery removal and installation **only when the device is completely powered off and disconnected from all power sources!**

The built-in Li-Ion batteries of the device ensure operation in the event of a power outage. If battery replacement becomes necessary, first remove the bottom cover plate as described in the “Installing and Removing the Storage Drive” section.

Next, release the battery retention strap and carefully remove the battery cells from their sockets. The recommended replacement battery type is: **Samsung INR18650-35E, 3.6V Li-ion, 3400mAh.**



Cleaning the Fan

Warning! Clean the fan **only when the device is powered off and completely disconnected from all power sources!**

The device is cooled by a built-in fan equipped with a filter layer. To maintain proper operation, it is recommended to clean the filter every 2–4 months.

Cleaning can be easily performed using a vacuum cleaner through the ventilation grille located on the back of the device.

NanoBox Software User Manual

The NanoBox software user manual and installation instructions are available at the following link:

https://www.clarabot.com/assets/pdf/NanoBox_Overview.pdf