

About Us

Shenzhen LincPlus Technology Co., Ltd. is a one-stop customized embedded software and hardware solutions provider, as well as an intelligent terminal supplier. We integrate R&D, manufacturing, sales, and after-sales service.

We have received positive feedback for our mature ID and MD design, PCBA manufacturing, strong system integration technical capabilities, and production capacity. To date, the motherboards and intelligent terminal equipment manufactured by us have found widespread applications in various industries such as intelligent commerce, retail, entertainment, and more.

We will continue to be a reliable partner for our customers and collaborators.

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LincStation E1 Introduction

What is LincStation?

LincStation: Your Personal Home Cloud Storage Solution *1

LincStation is a personalized personal cloud storage solution designed for homes. It offers faster speed, larger capacity, and more security for your data, eliminating concerns about file deletion and privacy breaches. Whether for home or business use, you can enjoy VIP-level storage services. Moreover, it frees up space on your mobile phone, making it easy to store millions of photos and tens of thousands of high-definition videos, bidding farewell to the hassle of insufficient phone memory.

LincStation Private Cloud: Your Family Photo Album *2

With AI photo album functionality, LincStation intelligently classifies and organizes chaotic photos, categorizing them by people, time, scenes, and shooting locations. Say goodbye to the hassle of searching for photos. Share with family and friends through social networks or links anytime.

LincStation Private Cloud: Your Efficient Work Partner *3

It supports online editing of office documents and serves as a Time Machine backup tool for Apple computers. Multiple computer files are automatically synchronized, and even large files can be easily shared. Whether for personal use or collaborative work, it ensures that space and distance no longer affect work efficiency.

LincStation Private Cloud: Your Exclusive Entertainment Platform *4

Whether it's music, TV shows, movies, anime, or novels, you can easily store them in your private cloud. Whether on a phone, computer, or TV, as long as

you're connected to the internet, you can enjoy the convenience of remote playback, creating your own private theater.

LincStation Private Cloud: Your Data Management Expert *5

Bid farewell to cluttered USB drives and external hard drives. LincStation provides access at any time, eliminating the need to carry portable storage devices. You can centralize, organize, efficiently store, and conveniently manage all your photos, videos, documents, and files for easy access.

LincStation Private Cloud: Your Reliable Data Security Guardian *6

From hardware to software, LincStation comprehensively guards your data privacy and security. Through local storage, multiple encryption, account space isolation, file safes, and other techniques, it provides more comprehensive security protection for your data, keeping you away from the troubles of data leaks and hardware damage.

*1-6

The mentioned features need to be implemented by customers through the app store, open-source communities, Docker, and other means. LincStation ensures data security and provides a runtime environment for expanding these capabilities.

Product Overview

Before You Use

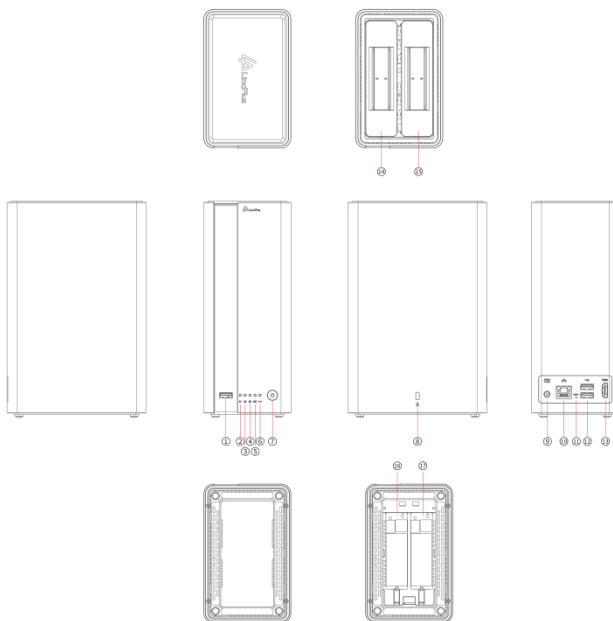
The recommended installation sequence by the official guidelines is as follows:

1. Install the hard drive.
2. Connect the Ethernet cable.
3. Connect the power supply.
4. Power on the device.
5. Access the device by visiting <http://tower.local/>.

Please note that after powering on, the system might undergo a self-check process. To ensure the most reliable and stable experience, some users may need to update the system firmware. We advise not to perform any actions immediately after turning on the device. Wait until the indicator lights stop flashing, and the network indicator light is on before accessing the website and using the device. If you encounter difficulty opening the website, it could be due to a major system upgrade in progress. Please continue waiting for 10 to 20 minutes.

If the network indicator light is functioning correctly but you're still unable to open your LincStation E1 page via <http://tower.local/>, please confirm that your device and the E1 are connected to the same local network. If the issue persists, you can access your router's management page to find the IP address of the E1 device. Use <http://IP-address> to access your E1 device.

Device Instructions



No.	Type
1	USB 3.2 Gen 2 Type A Port
2-6	LED Indicator for Network status, 2x HDD and 2xSSD
7	Power Button
8	Security Lock

No.	Type
9	DC Port
10	RJ45 2.5GbE Ethernet Ports
11	Reset slot
12	USB 2.0 Type A Port
13	HDMI2.1(TMDS) port
14-15	2x SATA3.0 port (Support 2.5/ 3.5inch HDD/ SSD)
16-17	2x M.2 port (Support M.2 2280 SSD, NVMe protocol)

Package Contents

Item	Quantity
Device	x1
Power Cord	x1
Power Adapter	x1
Product Manual	x1
Accessories Pack (10x Screws and 1x Screwdriver)	x1

Important Notes

Before using a newly inserted hard drive, be sure to format it through the LincStation to ensure normal use. Please back up your data before performing any operations.

- Avoid plugging or unplugging hard drives while the device is powered on, as this could lead to data loss or hardware damage.
- To ensure stable operation of the device, use the power button for normal power on/off operations. For device reboot, use a software command or press the Reset button for more than 8 seconds. Pulling the power plug directly could lead to data loss, device damage, and hard drive damage.

- Please note that due to improper operations, the LincStation will not be responsible for any resulting issues.
- This product is suitable for use in non-tropical climate conditions

Storage Management Instructions

The E1 product supports Btrfs disk array.

The current system version supports up to 4 storage devices to build the array. You can choose whether to use Btrfs and use 1 to 2 disks in any slots as Btrfs disks to form the array.

Please note that the disk used as a Btrfs disk must have the largest capacity among all disks.

Choose the hard disk usage method according to your actual needs. The E1 product supports hot expansion, so you can insert new hard drives and add them to the array later to increase storage capacity.

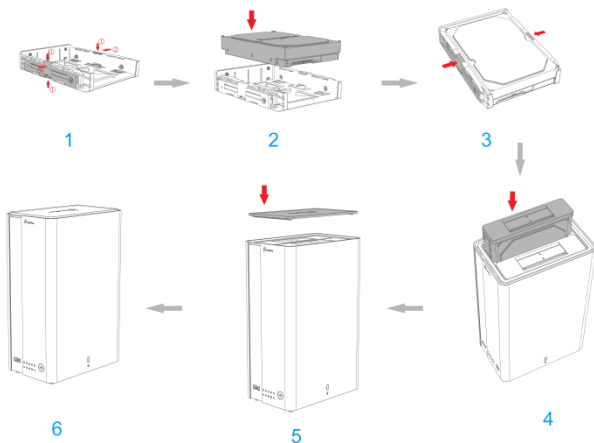
*The above are simple explanations of various hard disk usage methods and do not constitute a guarantee of data security by the LincStation. Due to the physical characteristics of hard disks, there is always a risk of disk damage with any usage method.

Installation Instructions

1. Install SATA Hard Drive

- Open the top magnetic cover, grasp the handle of the hard drive tray, and pull the hard drive tray out of the hard drive cage.
- The SATA hard drive compartment uses a tool-free installation design. Flip the tray to the back, press PRESS and pull out the clamps on both sides (of the tray), put in a 3.5-inch mechanical hard drive, and make sure the hard drive is firmly fixed in the tray.

- Slide the hard drive tray back into the hard drive cage, and put on the magnetic cover.



2. Install NVMe Solid State Drive

- The NVMe SSD and its paired heatsink feature a tool-free installation design. Push the NVMe SSD bottom cover in the triangular direction, remove the bottom cover, and install the SSD.
- This product only supports NVMe M.2 2280 SSDs. Confirm that your SSD's interface matches the one shown in the diagram.
- The NVMe SSD slot employs an anti-misinsertion design. Ensure the notch on the SSD's golden fingers aligns with the raised part of the slot.

Steps:

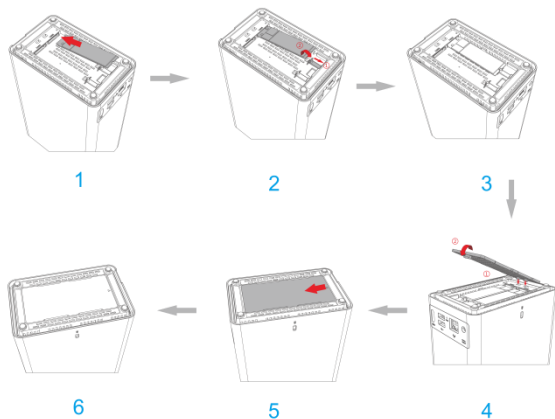
(1) Push the NVMe SSD bottom cover in the triangular direction, and remove it. Tilt the NVMe SSD and insert it into the slot, pushing firmly as far as possible. In most cases, the slot will fully cover the SSD's golden fingers.

(2) Push the firmly inserted end of the NVMe SSD downward toward the machine. The movable latch in the drive bay will lock into the groove at the SSD's rear. Install remaining NVMe SSDs using the same method.

(3) Following Figure 2, place the SSD bottom cover back and push it in the opposite direction to secure it.

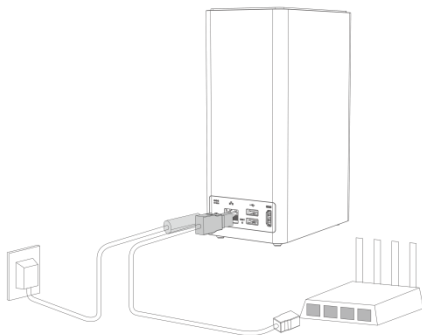
Note: This product supports all NVMe SSDs in the M.2 2280 form factor. Under this premise, we recommend using single-sided NAND flash NVMe SSDs and those with DRAMless designs.

Warning: The SSD does not support hot-swapping. Always power off the device before installing or removing the SSD.

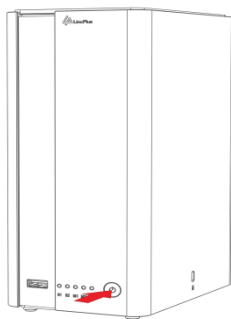


Connecting Device to Network and Powering On

1.Connect the Power and Network



2.Press the power button lightly, Indicator lights up.



○ During the first startup after connecting to the network, the device may undergo an extended self-test or update process. The indicator lights will blink rapidly. Do not power off the device, unplug the power cable, or disconnect the network cable during this period, as it may cause system corruption, compromising normal operation.

○ Warning:

(1) Electronic products may cause electromagnetic interference and environmental pollution. Please use them in an appropriate environment.

(2) Non-officially certified power adapters may cause equipment malfunctions or abnormalities, and even explosion hazards.

Indicator Light Explanation

Name	Color	Status	Explanation
Power Light	White	Steady On	Normal startup and running
Network	White	Steady On	Valid network cable inserted
Network	Off	None	Not connected to the network or network failure
HHD/NVMe	White	Steady On	Normal status
HHD/NVMe	Orange	Steady On	S.M.A.R.T warning status
HHD/NVMe	Pink	Steady On	High temperature warning status
All Indicators	White	Blinking	Startup and self-checking
Light Strip	Full Color	Blinking Once	First power-on after power outage
Light Strip	Off	None	Startup and self-checking

A system-wide switch for indicators is provided. When you choose to turn off the indicators, the indicators will remain off after the system is running. This switch does not affect the indicator display during system startup.

A customization feature is provided for the light strip effect. When you choose to turn off the light strip or set the brightness to 0, the light strip will remain off after the system is running. You can also freely customize constant lighting, breathing, and cycling light effects. This feature does not affect the light strip display during system startup.

Reboot

Press and hold the reset button for 8 seconds, and the system will perform a device reboot. Before rebooting, the system will save the current data.

Therefore, there will be a delay, and after the data is saved, the device will reboot. The indicator light effect during reboot is the same as during startup.

Account and Data-related Instructions

What is an Administrator?

The first registered account on a new device becomes the administrator account. Administrators can create ordinary accounts. Administrators have higher management privileges compared to ordinary accounts and can access certain features that ordinary accounts cannot.

About User Data Privacy

Dear users,

As a responsible device manufacturer, we solemnly declare that the LincPlus team does not have any access to your personal data. The LincStation product line is equipped with LincOS, which is also committed to protecting user privacy and providing a secure and reliable operating environment. For more information, please refer to the LincOS Privacy Policy page at www.lincos.ai

System Instructions

LincStation S1 is equipped with a customized LincOS Server Starter version system, which is located in the bootable USB drive inside the NVMe hard drive compartment.

Do not use the administrator account to modify the files on this USB drive in a non-standard way, as this may prevent your LincStation from starting.

For solutions related to system damage not caused by your intentional actions, please consult the official documentation, and we will provide remedies.

More Resources

For more questions or documentation, please visit the following URL:

<http://doc.lincplus.com.cn/docs/LincStation/Intro>

For the operation guide of the LincOS system, please visit the following URL:

www.lincos.ai

LincStation S1 Facebook group:

<https://www.facebook.com/groups/1000219414508087>

Attention

Newly inserted hard drives need to be formatted through the LincStation before use. Please make sure to back up your data.

Do not plug or unplug the hard drive while the system is powered on, as it may result in data loss or damage to the hard drive.

Please power on or shut down the system by the power button or software functions. Pulling the power directly may harm the equipment or damage the hard drive.

LincPlus will not take any responsibility for device and data damage caused by improper operations.

Electronic products may cause electromagnetic interference and environmental pollution; please use them in an appropriate environment.

Unofficially certified power adapters may cause equipment malfunctions or abnormalities, and even pose an explosion hazard.

This product comes with a pre-authorized LincOS system, providing disk arrays using btrfs checks. Please choose your disk usage method based on your actual needs. This does not constitute LincStation's commitment to data security, as any usage method carries the risk of hard drive damage due to physical characteristics.

Data security and privacy are paramount in the LincStation series. Without the user's permission, we do not read any user file contents stored on the device or provide any user information to third parties, except as required by law. For more details, please refer to the service agreement and privacy policy.

During the boot process, there might be a relatively long device self-checking process, during which the indicator light will blink rapidly. At this time, do not shut down or unplug the power, as it may cause system damage and prevent normal operation.

Warning

This product has a built-in round button lithium battery, do not dismantle, cut, crush, or dispose of batteries in a fire. If a battery leaks, do not let the liquid touch your skin or eyes. If this happens, immediately flush the affected areas with water, and seek medical help.

Please keep the device away from heat sources or humid environments to reduce the risk of fire or electric shock. In the event of a thunderstorm or unstable voltage, please power off the device to avoid product damage.

Please keep the product and all of its parts out of the reach of children.

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two 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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The transmitter must not be colocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a Minimum distance of 20cm between the radiator and any part of your body.

Warranty

1. Warranty Period

The product is covered by a 24-month free warranty, commencing from the date of purchase (verified by a valid proof of purchase).

2. Coverage

- Applies to non-human-induced functional faults (e.g., hardware defects, software malfunctions) under normal usage conditions.
- A complete proof of purchase (invoice/order record) and product serial number must be provided.

3. Warranty Services

- Free repair or replacement of defective components; if irreparable, a replacement of the same model or equivalent performance will be provided.
- Exclusions: Cosmetic wear and tear, human-induced damage (e.g., drops, liquid ingress, unauthorized modifications), natural disasters, or faults caused by non-official accessories.

4. Service Process

- Step 1: Contact customer support (Email: support@lincplus.com.cn) to submit a fault description and proof of purchase.
- Step 2: A dedicated after-sales specialist will provide one-on-one support to resolve the issue.

Warranty Supplier:

ShenZhen LincPlus Technology Co., Inc

Add:12F, Building A4, Nanshan Zhiyuan, No. 1001,Xueyuan Avenue, Xili Town, Nanshan District, Shenzhen, China

Website:www.lincplus.com.cn

www.lincplustech.com

E-mai:support@lincplus.com.cn

Se volete consultare il manuale d'uso in italiano, consultate il sito:

<https://doc.lincplus.com.cn/docs/LincStation/Manual>

In caso di problemi durante l'uso, si prega di contattare il nostro servizio post-vendita via e-mail: support@lincplus.com.cn

Si desea consultar el manual de usuario en español, consulte:

<https://doc.lincplus.com.cn/docs/LincStation/Manual>

Si tiene algún problema durante el uso, póngase en contacto con nuestro correo electrónico de posventa: support@lincplus.com.cn



Dear Customer,

LincPlus would like to thank you for your recent purchase. We truly care about your user experience.

If you have any questions or concerns, please feel free to contact us. Our customer support team is standing by to assist you.

Best regards

LincPlus Service Team

This device complies with part 15 of the FCC Rules. Operation is subject to the following two 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.



Beyond Imagination

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