



nDESK THIN CLIENT

OS INSTALLATION & DEPLOYMENT GUIDE

Xubuntu-Based Deployment for NexaVM Thin Client Hardware

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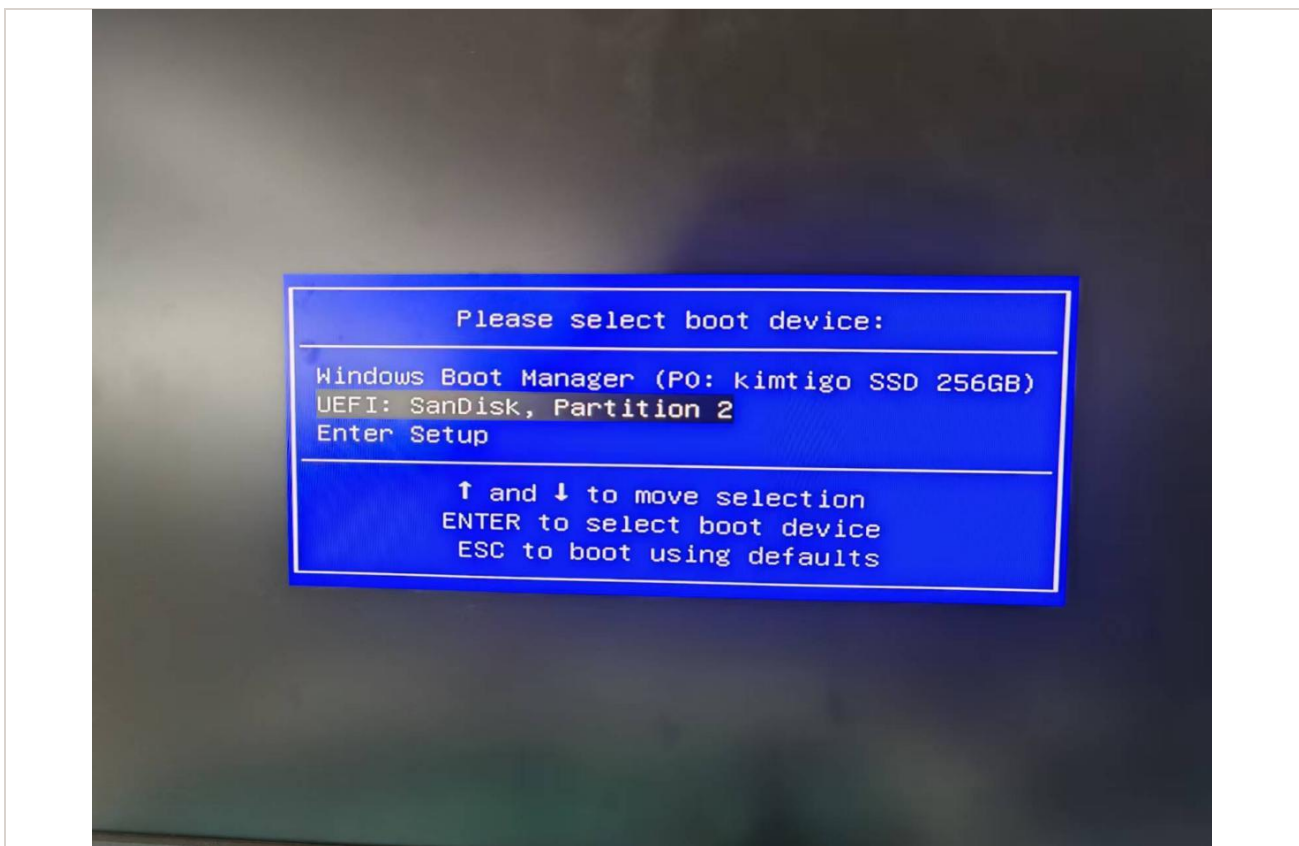
NexaVM Technologies AG.

2 Install Xubuntu Operating System

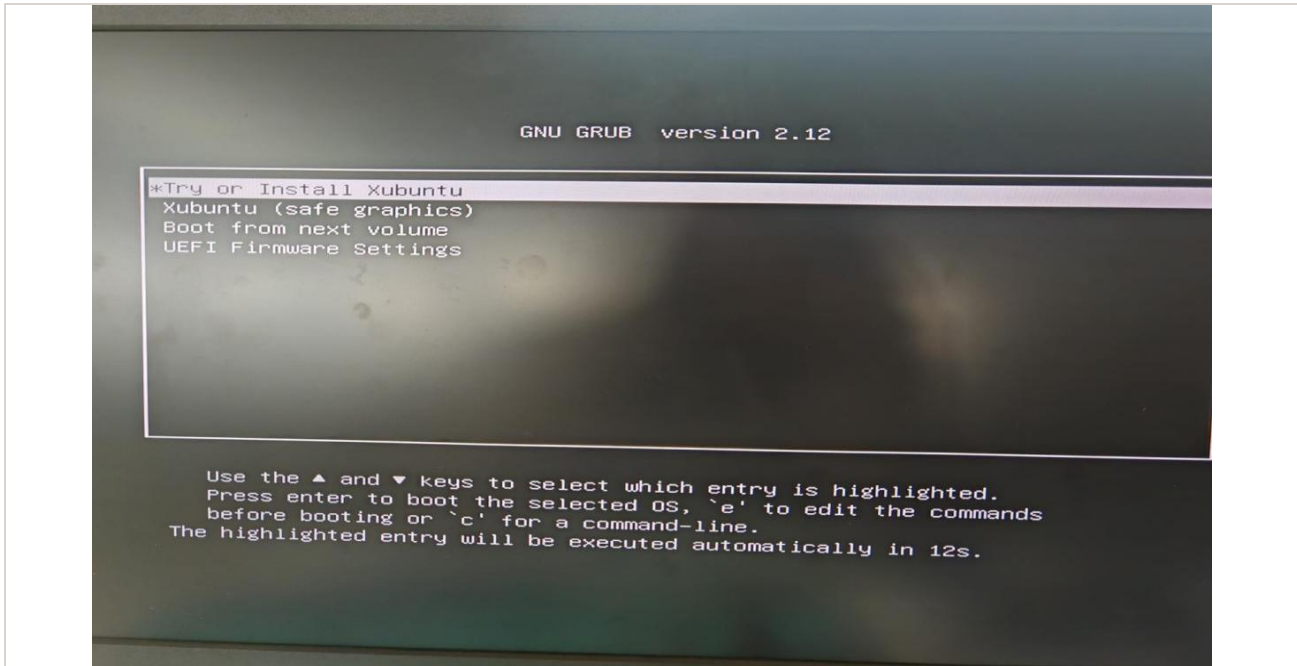
This section walks through preparing the boot media, launching the Xubuntu installer, and completing the guided installation wizard on the thin client hardware.

2.1 Boot Startup

1. After preparing the bootable USB drive, insert it into the blue USB 3.0 port on the front panel of the thin client.
2. Press the F12 key repeatedly after power-on (some models may use ESC or F11) during the BIOS boot phase to select booting from the USB drive.
3. Select Try or Install Xubuntu from the boot options.



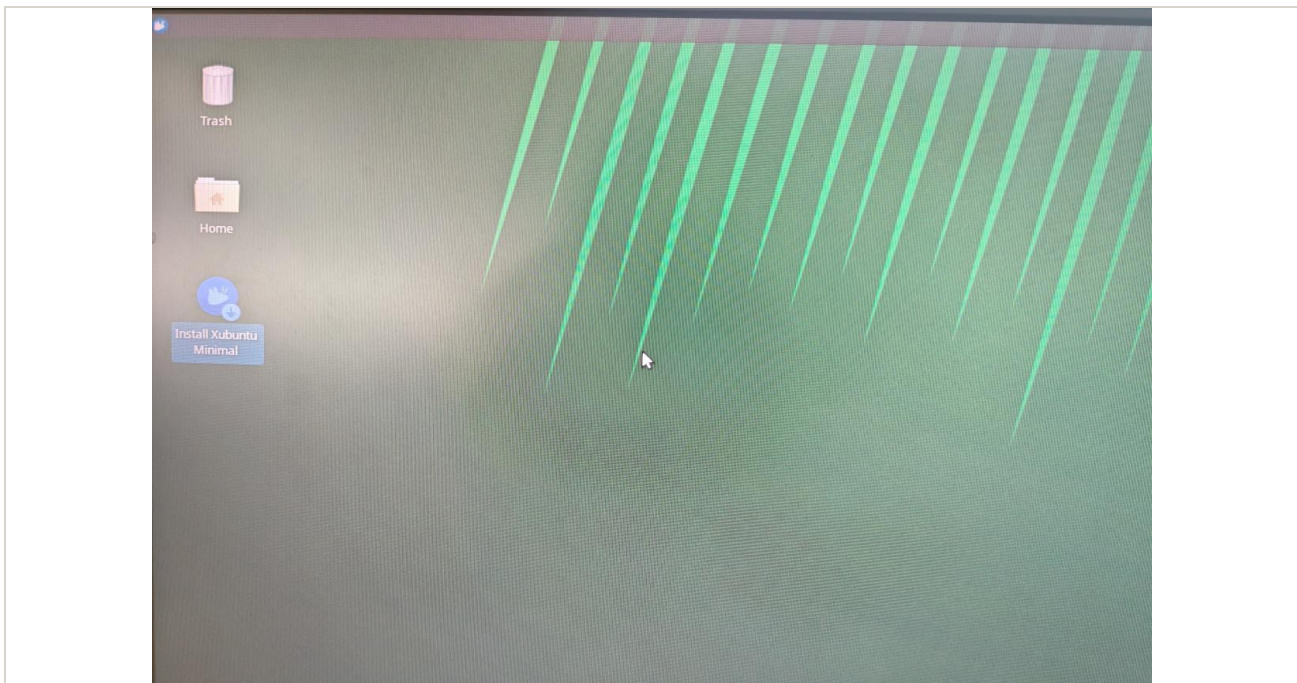
BIOS boot device selection menu



GNU GRUB — select “Try or Install Xubuntu”

2.2 Execute Installation Wizard

4. After entering the desktop, double-click the Install Xubuntu Minimal icon on the desktop.



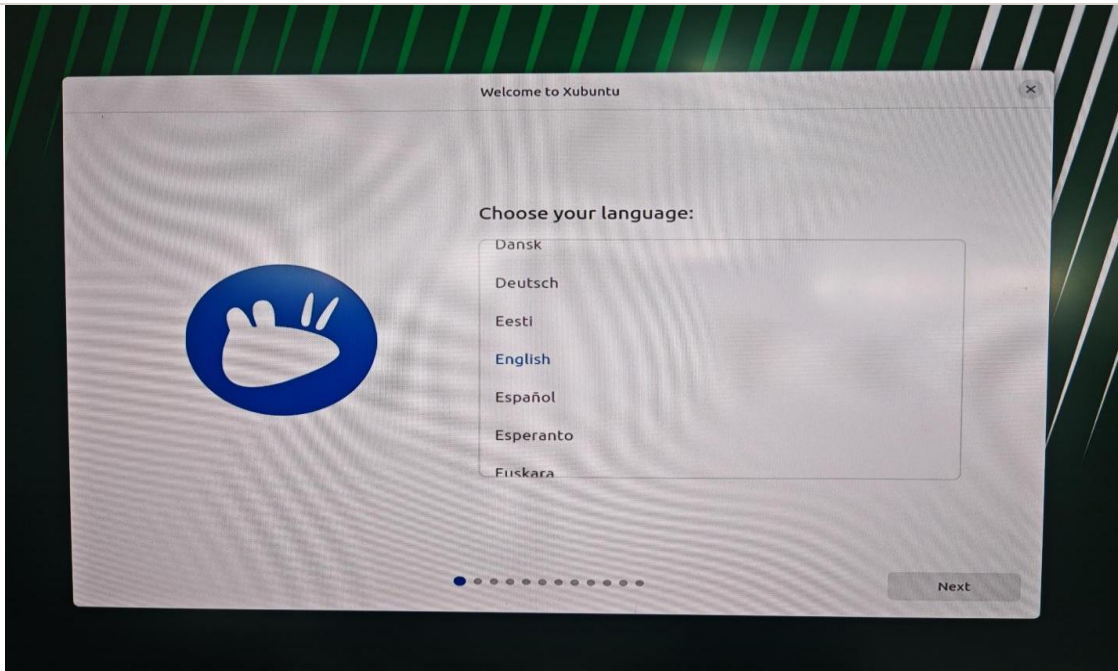
Xubuntu Minimal desktop with installer icon

Configure Key Items

- Language: Select Chinese (Simplified). You can choose freely according to your needs.

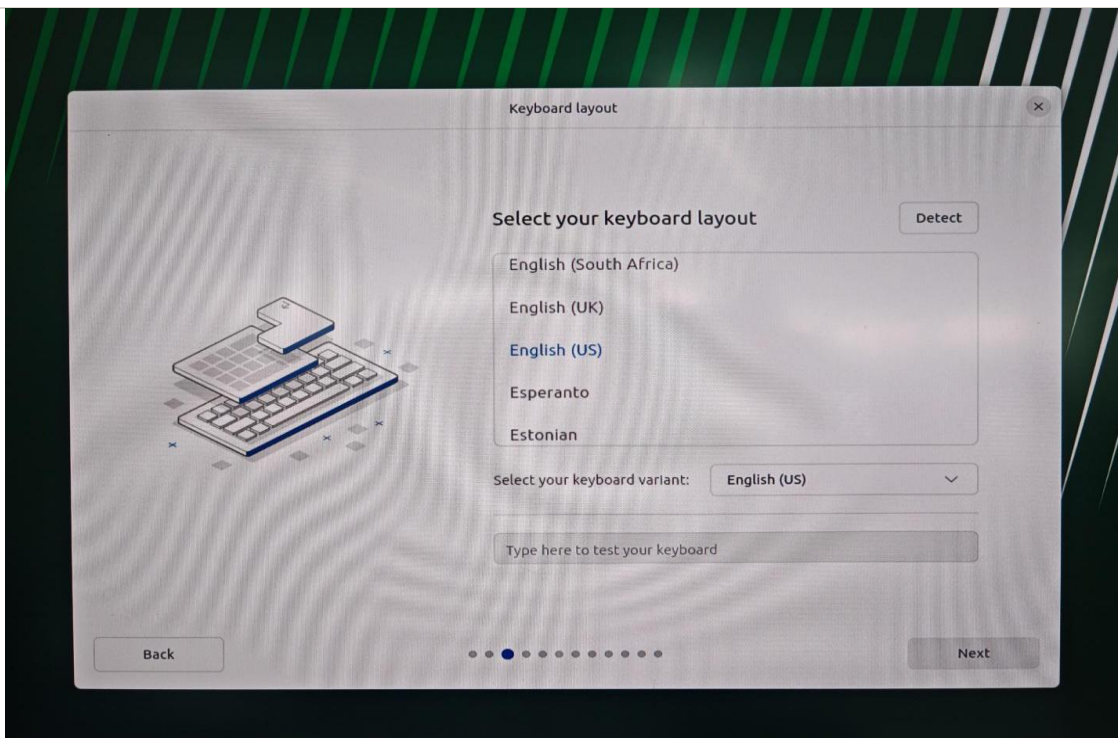
NOTE

Language settings will affect the display language of the control panel, menu bar, and other interfaces after system installation is complete.



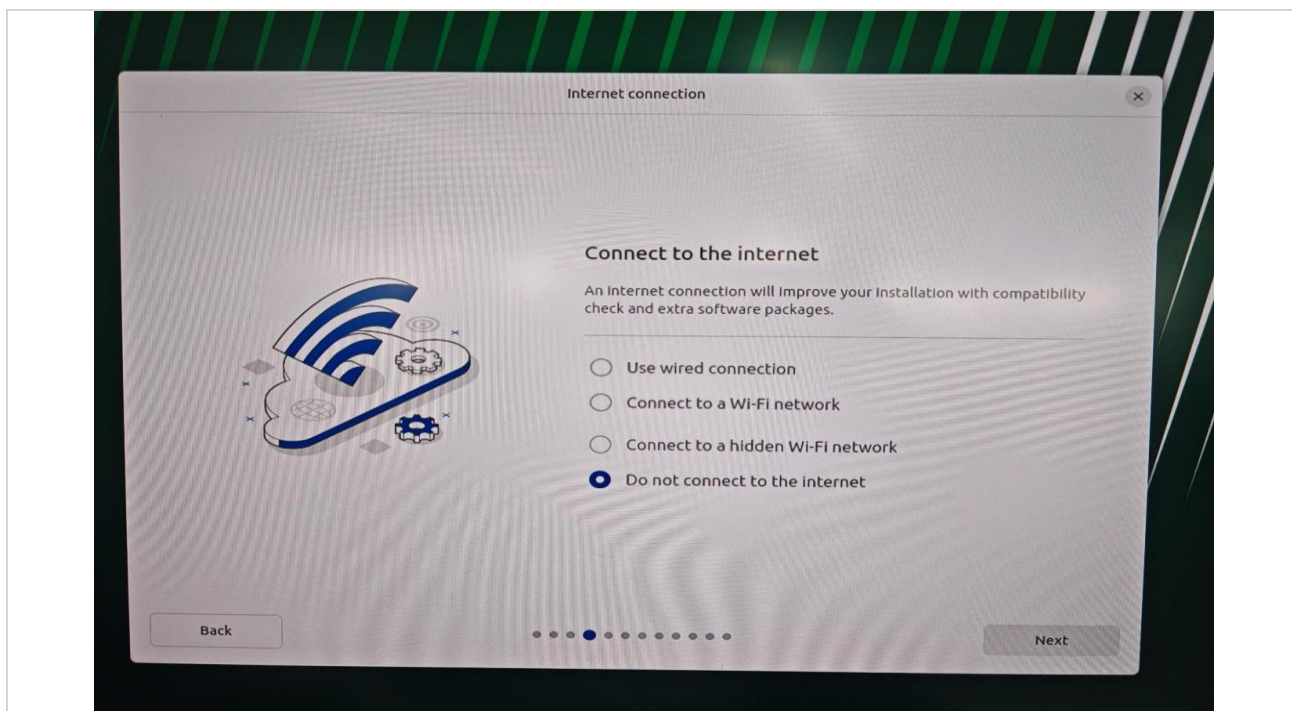
Choose installer language

- Keyboard Layout: Click the Detect button and follow the prompts. The result will be English (US).



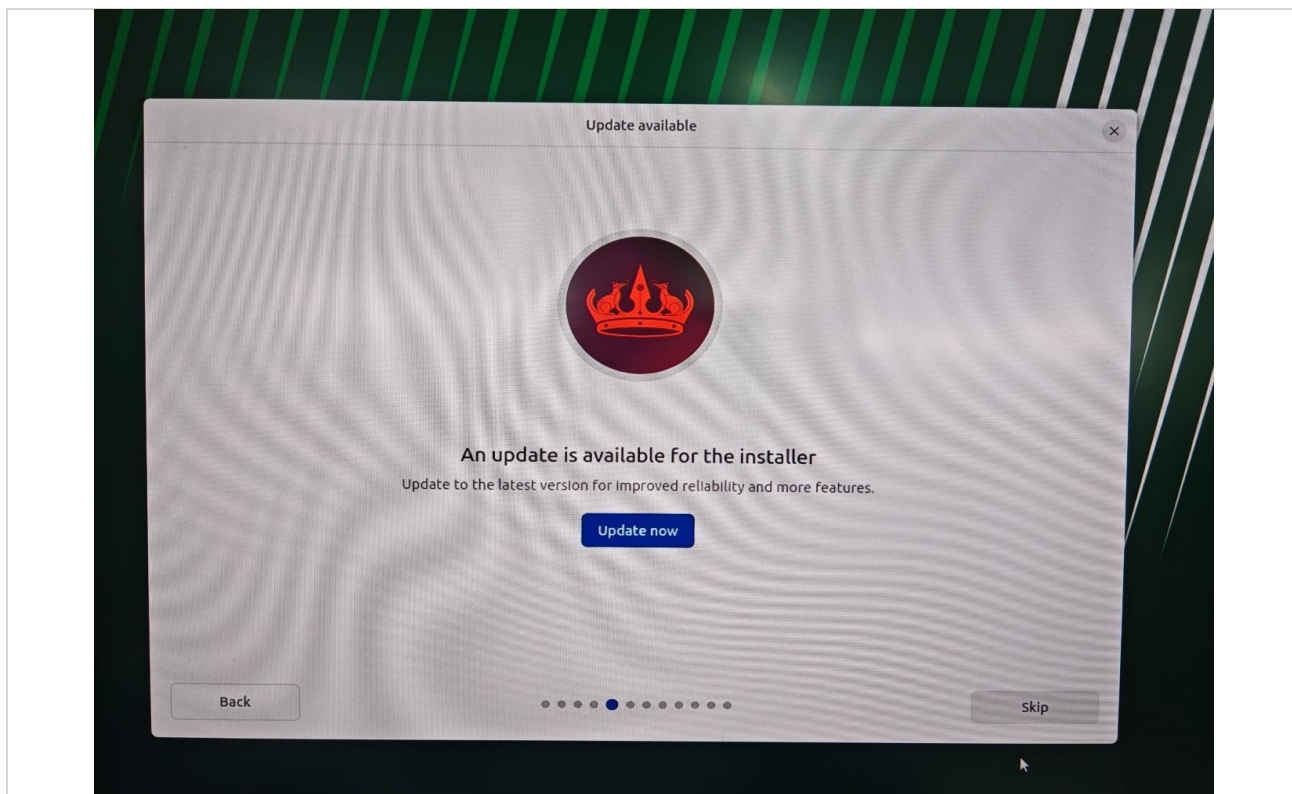
Keyboard layout selection

- Network: Select “I don’t want to connect to the Internet right now” for offline installation.



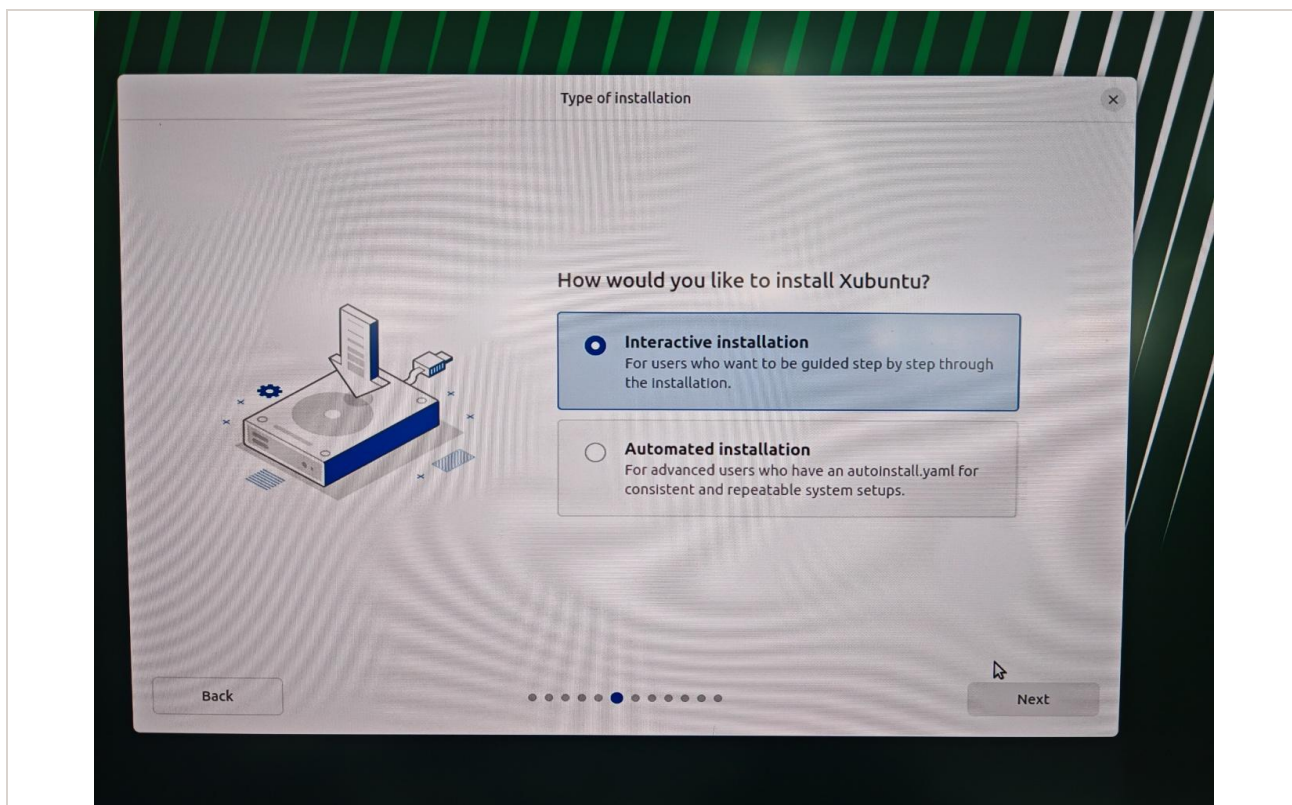
Internet connection — offline installation

- Update: Select Skip the update.

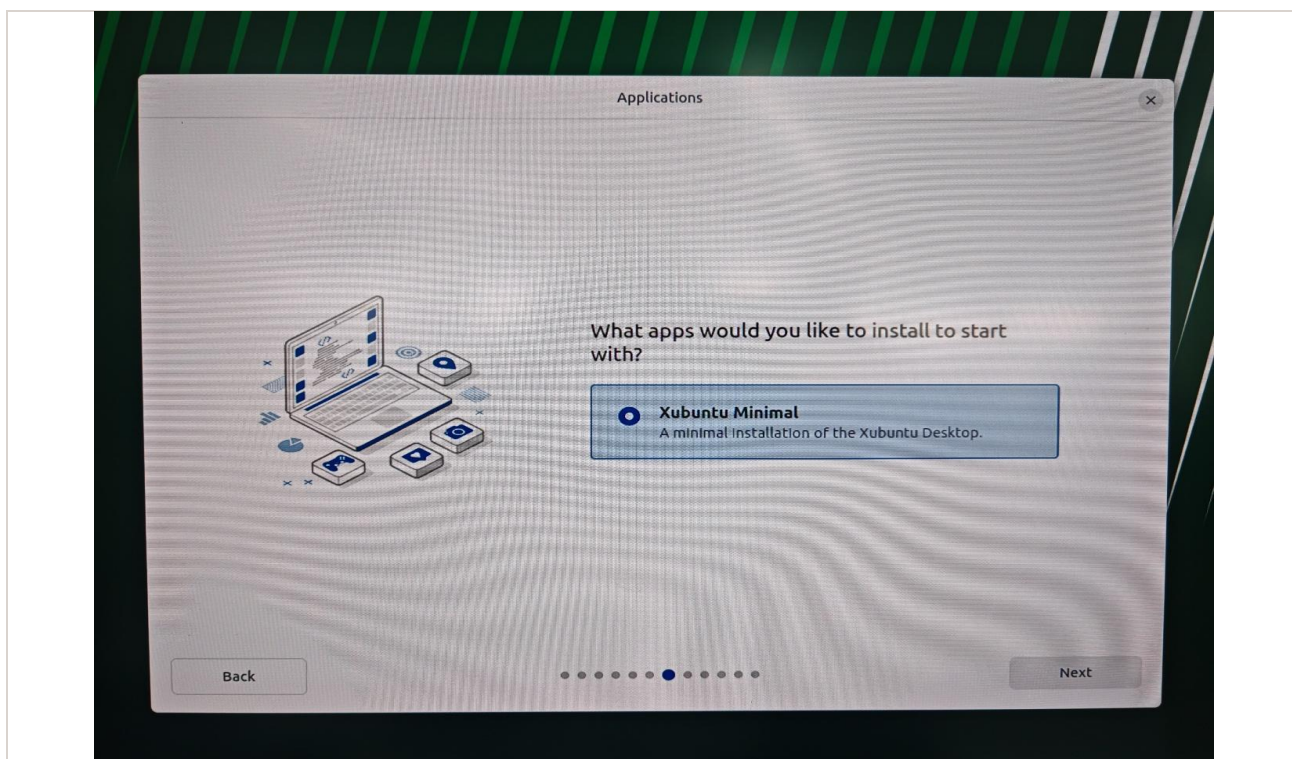


Skip installer update

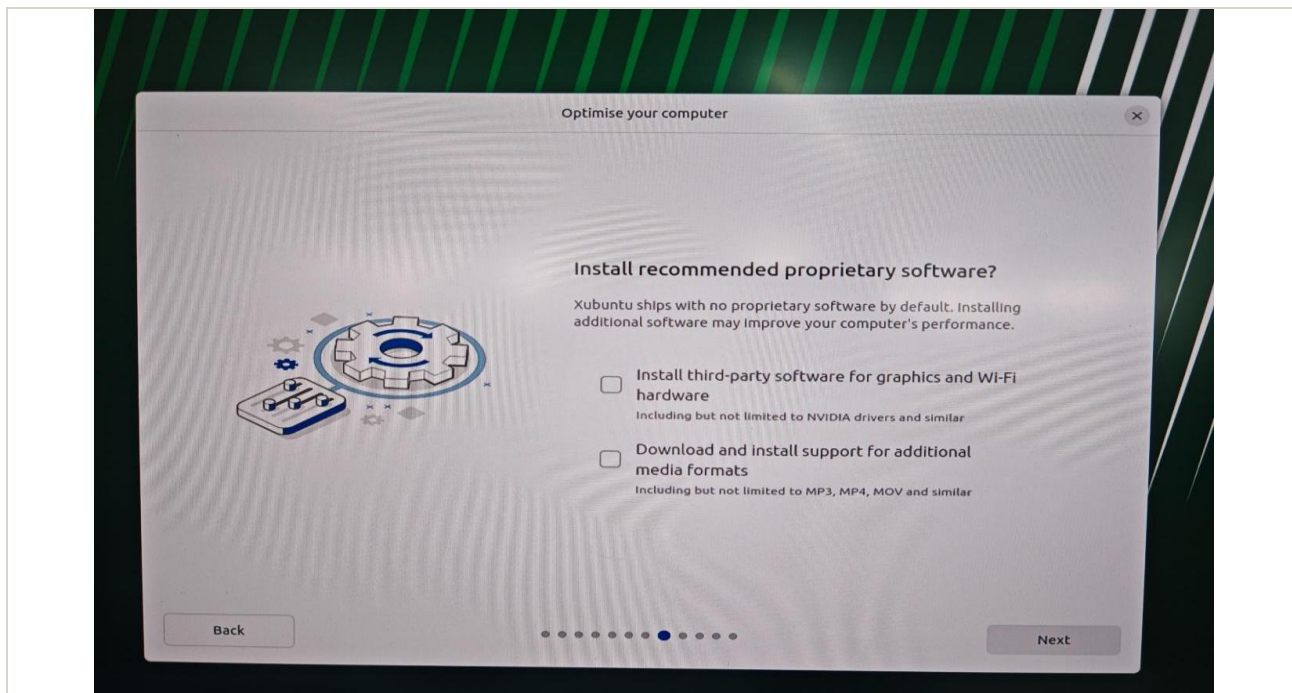
- Installation Type: Select Interactive install and keep the default selections for subsequent steps.



Interactive installation type



Xubuntu Minimal application selection

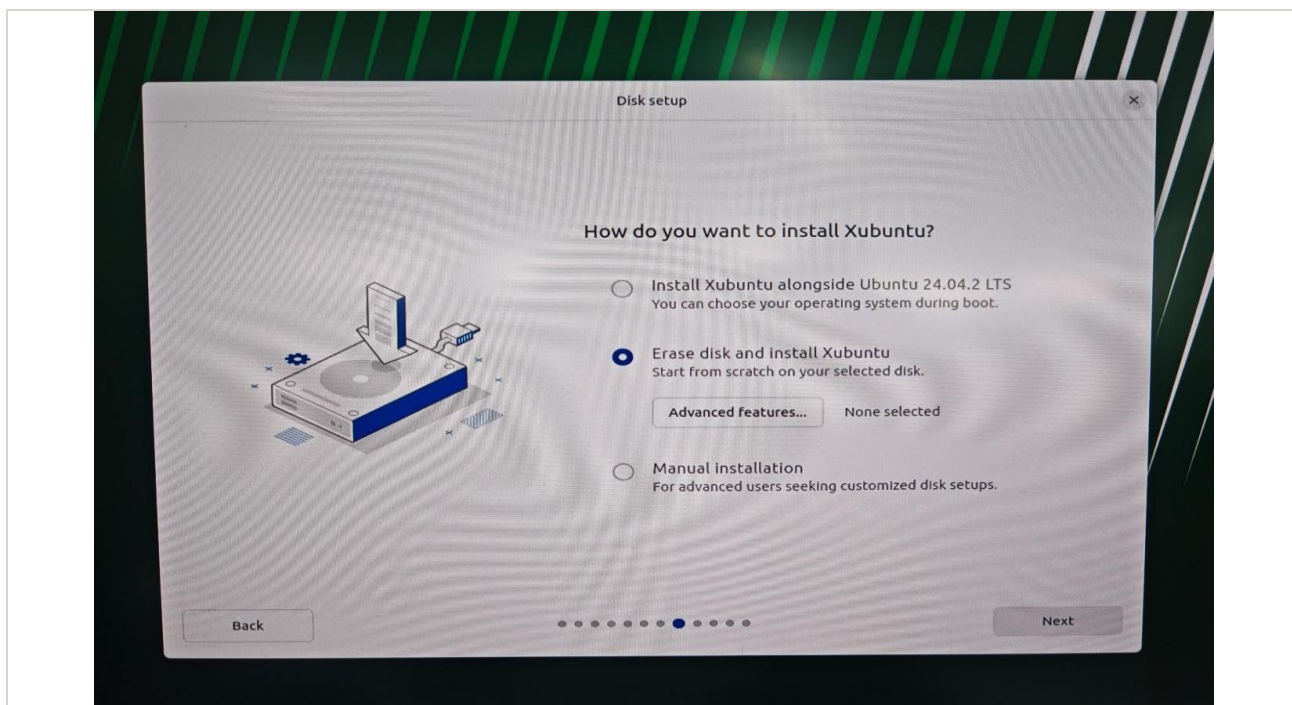


Proprietary software options

2.2.3 Disk Management

Select Erase disk and install Xubuntu.

TIP: This operation will clear all data on the terminal. Please ensure that you have backed up important data as required by the “Thin Client Flashing and Installation Guide.”

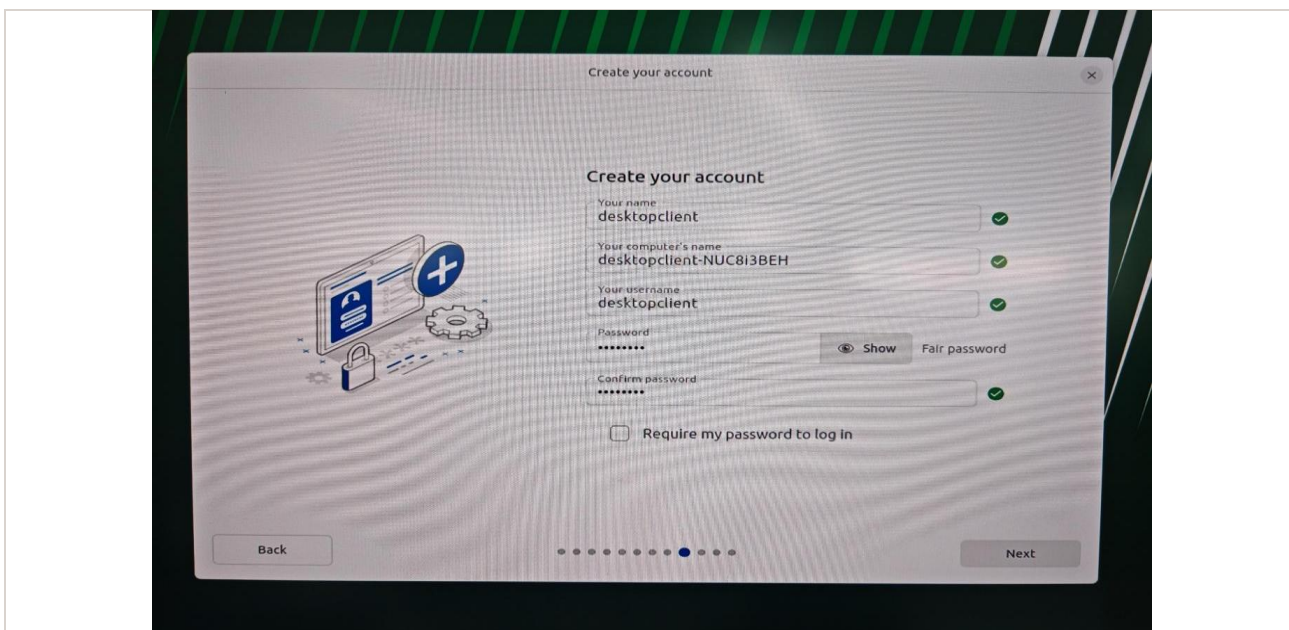


Disk setup — erase disk and install Xubuntu

2.2.4 Account Information

Must be strictly set according to the table below:

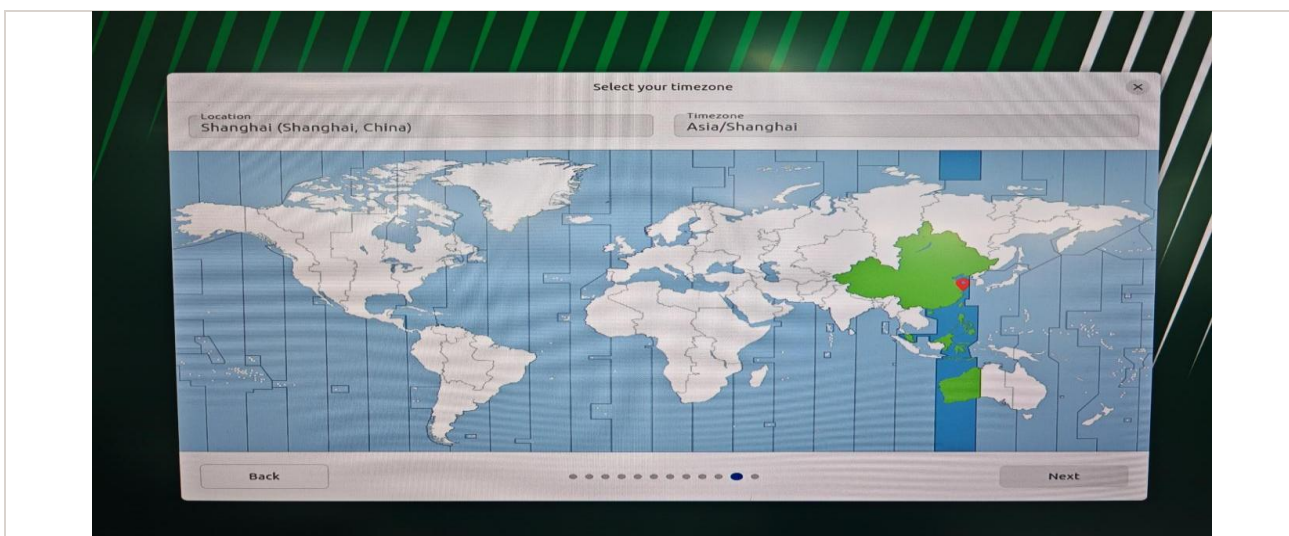
Field	Setting Value
Name / Username	desktopclient
Password	Please contact vendor technical personnel
Login Options	Uncheck: Require password for login



Create your account

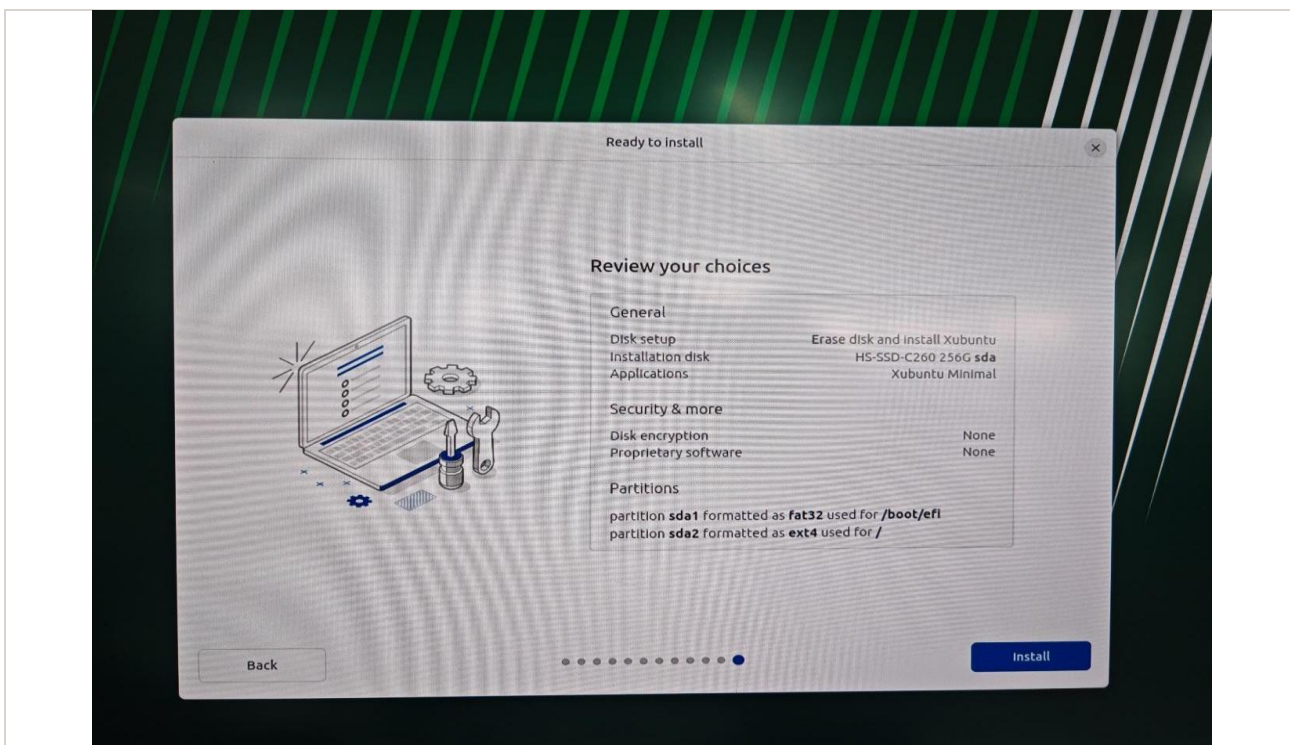
2.2.5 Time Zone

You can select it according to your actual region (usually Asia/Shanghai in China).



Time zone selection

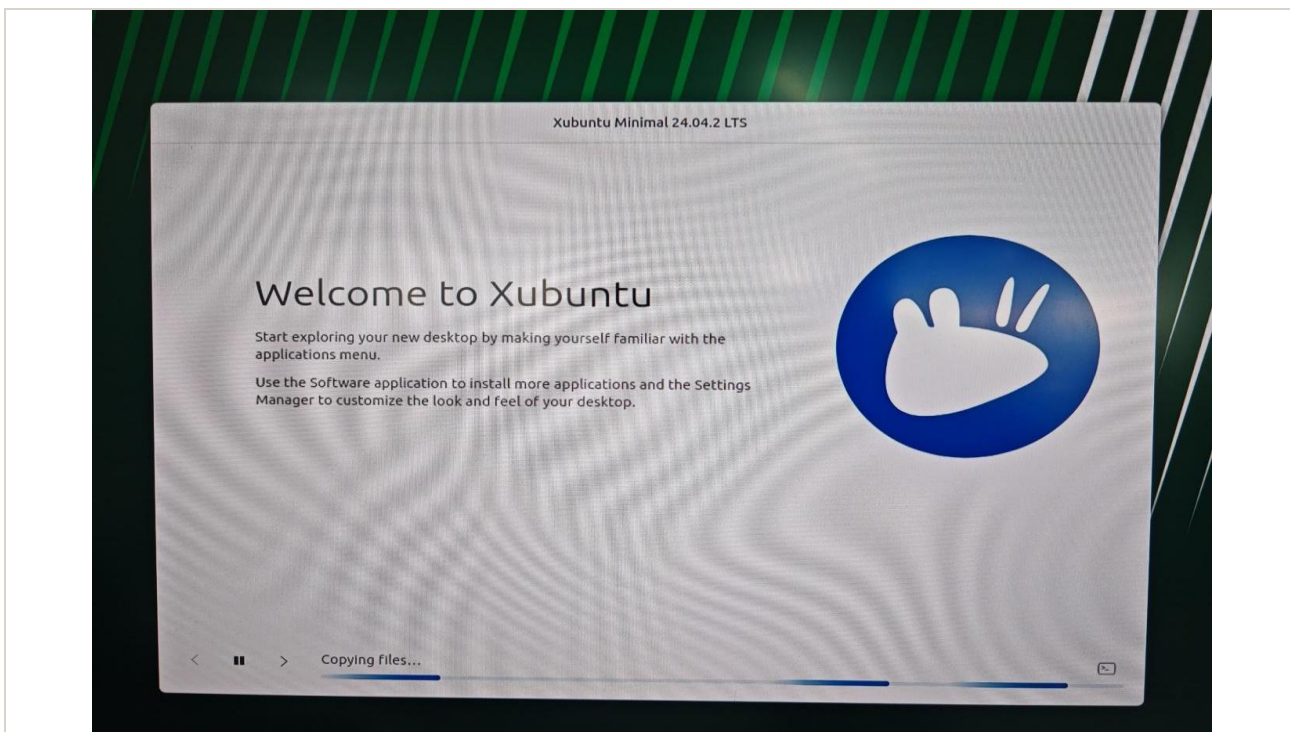
2.2.6 Start Installation



Review your choices before installing

2.2.7 Wait for Installation to Complete

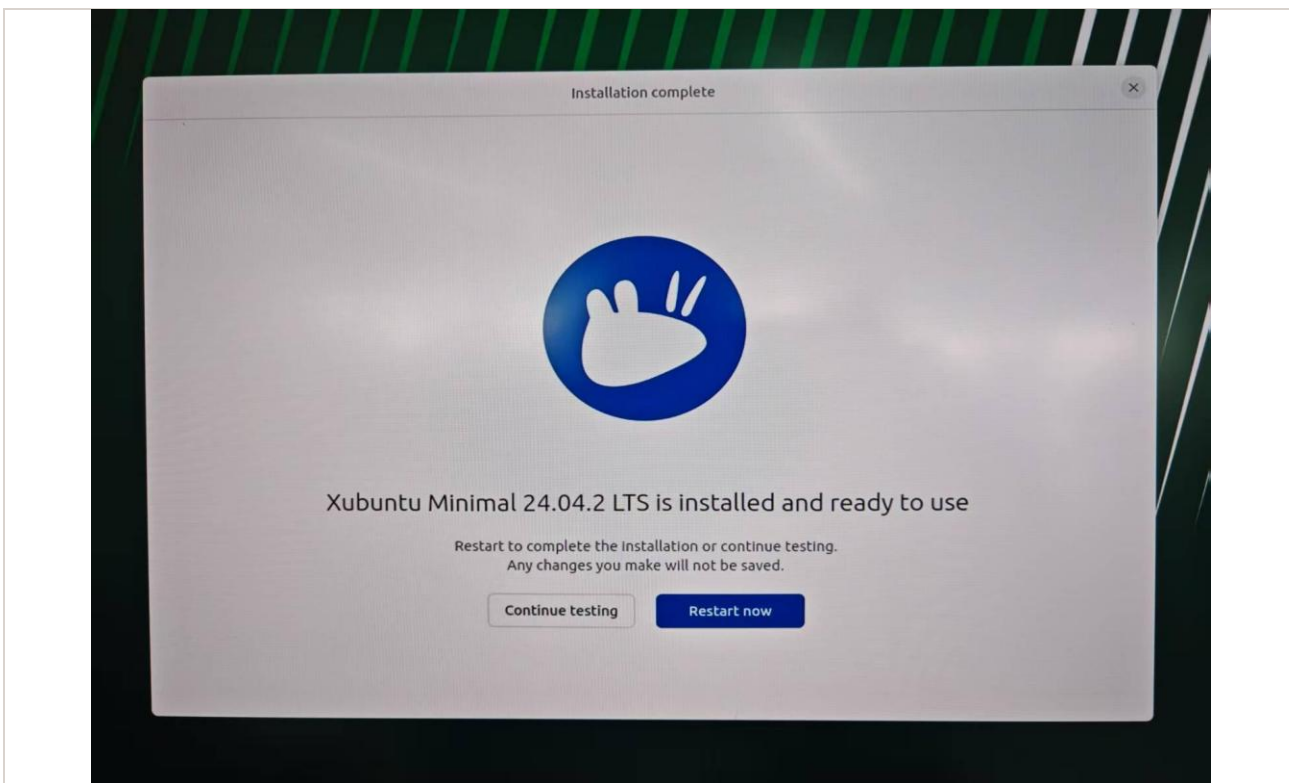
The installation process takes approximately 10 minutes.



Installation in progress

2.2.8 Confirm Restart

After the installation is complete, click “Restart Now” and remove the USB drive. If the character interface is stuck, press Enter to speed up the restart. If it still does not restart, you can press the power button to restart.



Installation complete — restart now

3 Environment Customization and Client Deployment

After the Xubuntu system installation is complete and restarted into the desktop, right-click on the desktop's blank space, select Open Terminal Here, and proceed with subsequent deployment:

3.1 Enable SSH Service

(Optional, for Remote Deployment)

```
sudo apt update
sudo apt install openssh-server
sudo systemctl enable ssh
sudo systemctl start ssh
```

Execute the following command to view the thin client's IP address:

```
ip a
```

TIP: In the output, look for addresses starting with 192.168.x.x or 10.x.x.x (usually under network card items starting with eth0 or enp). Please record this address for subsequent remote deployment on the O&M computer.

3.2 Execute Automated Deployment

Upload the installation package to the terminal via SSH or USB drive, and execute the following commands:

SSH Account: desktopclient

SSH Password: Please contact vendor technical personnel

SSH Port: 22. After atos-installer-1.0.x.bin is deployed, the SSH port will automatically adjust to 2222.

1. Install Offline Dependencies

(Required when environment has no internet connection)

```
sudo bash ./ubuntu24.04_x86_64_depends-1.x.bin
```

2. Execute One-Click Installation Script

(Version number based on actual release)

```
sudo bash atos-installer-1.0.x.bin -- -p \  
astute-xspace_linux_x86_64_6.x.x.common.deb
```

NOTE: The script will automatically complete OS slimming and Kiosk mode configuration. After execution, the system will automatically restart and directly enter the xSpace login interface.



End of Document