

# Avalon Q Quick Start Guide



REV 1.0

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# 01 Avalon Q Preparation

## New machine inspection

When you receive your Avalon Q, please check the packaging to see if it is in good condition before opening it;

If any packaging is found to be damaged, please contact [avalonsupport@canaan.io](mailto:avalonsupport@canaan.io) directly for after-sales support.

## Device connection instructions



① Avalon Q (including power cord and WIFI module)

② Wireless routing equipment (configured by the customer)

③ Mobile device or laptop (configured by the customer)

## Software Preparation

Mobile APP - Avalon Family (for Avalon Q configuration and management)

Scan the QR code on the right and download it through the App Store or Google Play

Download and install Avalon Family.



**Network Description**

Avalon Q comes with a WiFi module, please insert it into the USB port before starting the device.

Please ensure the security of the network environment and exclude the presence of viruses, Trojans or backdoor programs to ensure your cryptocurrency collection

Benefits of safety.

The Avalon Q wireless network only supports 2.4G band network conditions.

Please place your Avalon Q as close to the router or wireless AP device as possible.

Avalon Q also supports wired network. If you need to use wired network, please unplug the WiFi module and

After unplugging, please turn off the power of Avalon Q for 10 seconds, plug in the network cable, and then turn on the power of Avalon Q.

If the device is connected to the same local area network as Avalon Q, you can use the Avalon Family APP to add it: select "New Device"

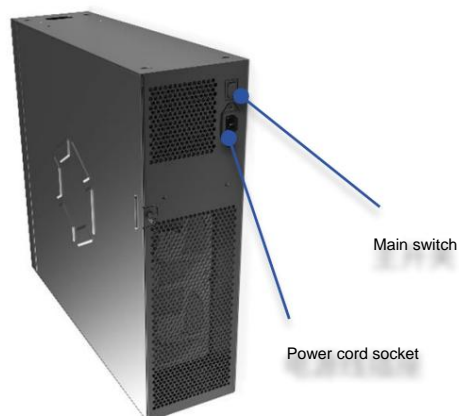
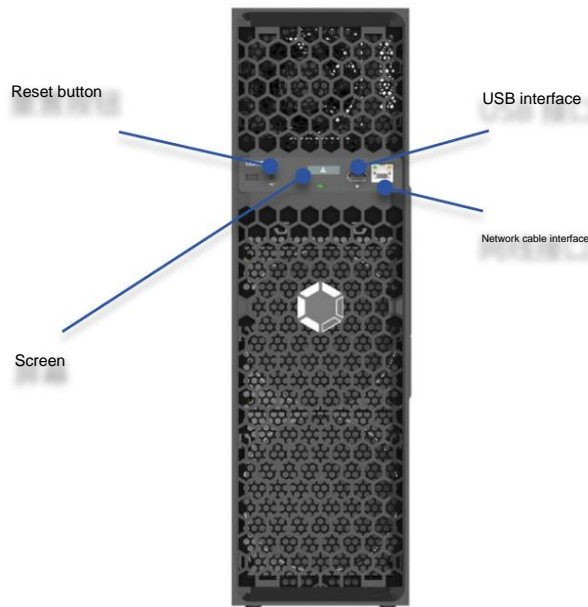
Device" - "Manually add a running device" - "Enter the IP displayed on the Avalon Q screen".

This guide will mainly be based on using a 2.4G WiFi network.

## Avalon Q Power On

Before powering on, make sure the WiFi module is installed in the USB port on the front of the device, connect the power cord, and then manually

Turn on the main switch on the back to turn on the machine.



Wi-Fi Module

### Notice

The Wi-Fi module is inside the box.

Press and hold the reset button for 5 seconds to restore to factory settings.

- Avalon Q Back view

## 02 Avalon Q Configuration and Management – Mobile

### Avalon Q Network Configuration – Mobile

Open the phone settings, turn on Bluetooth, and connect the phone and Avalon Q device to the same wireless network.

Requires 2.4GHz Wi-Fi.



Remark

The operation steps are displayed on iOS devices and Android devices.

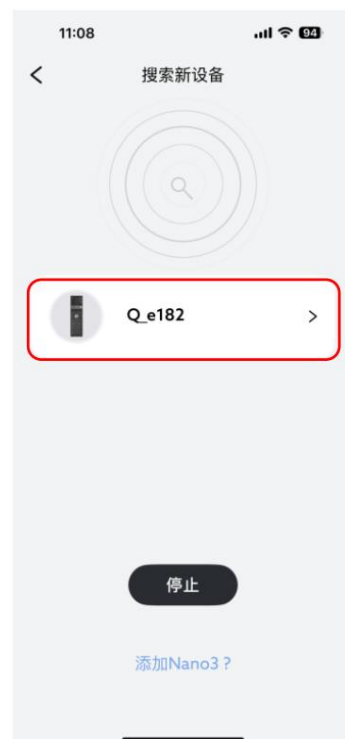
The interface for adding Avalon Q on the machine side is slightly different.

The overall steps are consistent.

Open the Avalon Family app on your phone, click “☰” in the upper right corner, and click “New Device”.



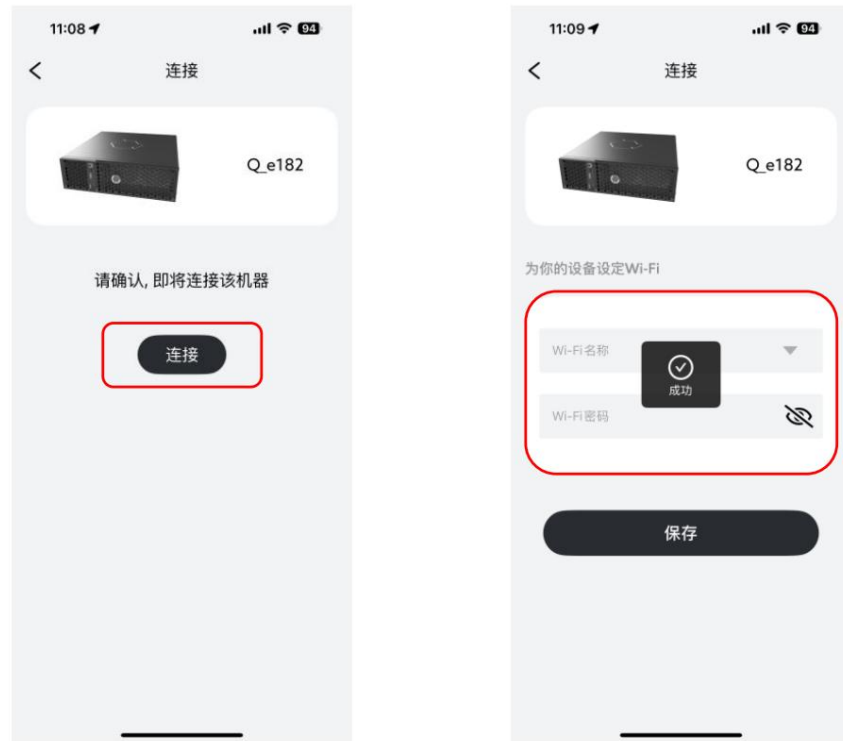
Click "Search", then select "Q\_xxxx" and connect.



Tip: Please bring your phone close to Avalon Q so that it can search and connect quickly. If there are multiple Qs to be configured, please start them one by one.

Click Connect, select a Wi-Fi name, enter the Wi-Fi password, and click Save.

Start connecting to Wi-Fi.



After Avalon Q is successfully connected, the device will appear on the home page of the Avalon Family application.

Device management and configuration through Avalon Family.



## Avalon Q Management – Mobile



Basic Operations of Avalon Q



Avalon Q Setup

## 03 Avalon Q Mining Pool Configuration – Mobile

Click "Pool Configuration", enter the mining pool address, miner name and password, and click "Save".





When prompted "Please enter password", please enter the password (default password: admin), and finally click "Continue".

After the mining pool configuration is completed, the device will automatically restart to make the configuration take effect.



## 04 Avalon Q Management - PC

The laptop is connected to the same wireless network as the Avalon Q configuration.



Laptop connected to Wi-Fi network

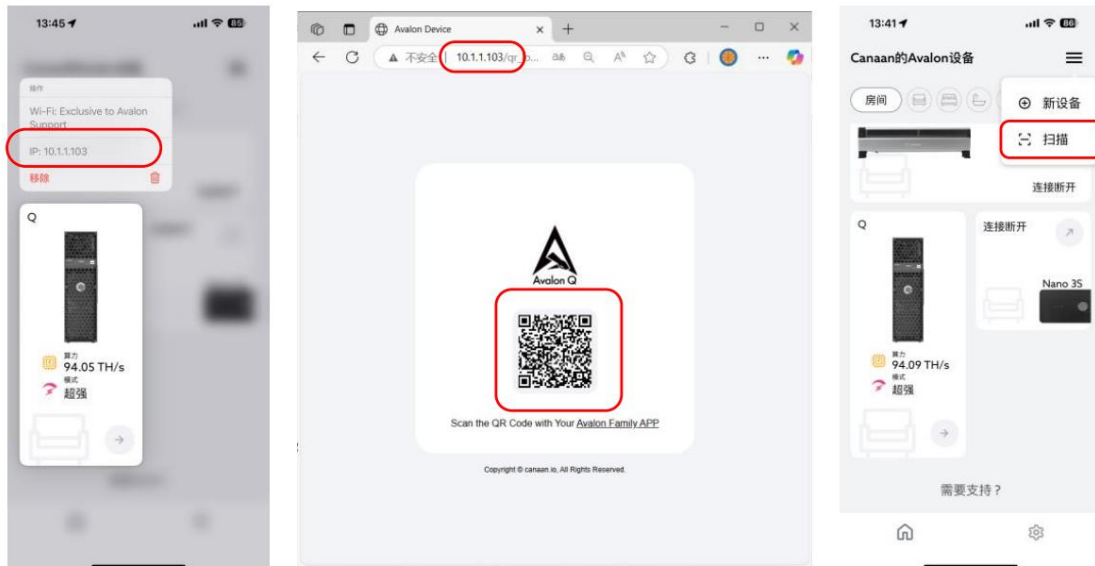


The IP address of the Avalon Q device is displayed in a carousel on the screen

Enter the IP address of Avalon Q in the address bar of the browser to enter the device login page (long press Avalon

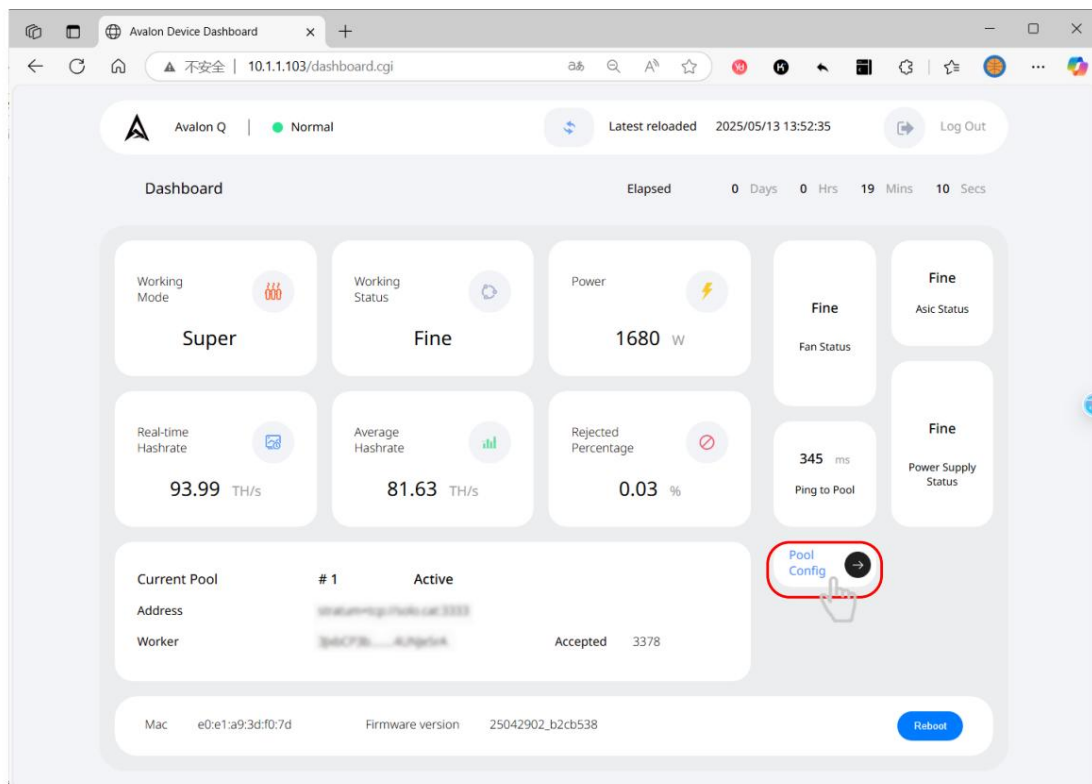
The Family Q icon will pop up and display its IP address).

Open Avalon Family, click "ÿ", click "Scan", and then scan the QR code on the login page to log in.

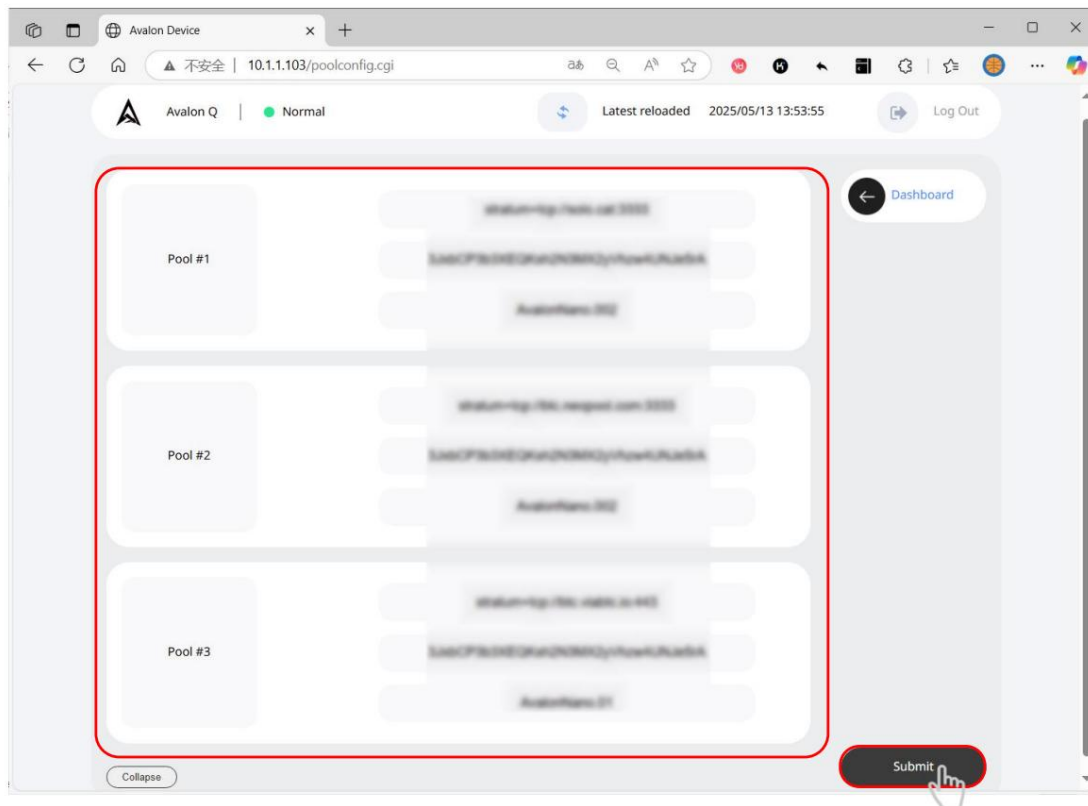


## 05 Avalon Q Mining Pool Configuration – PC

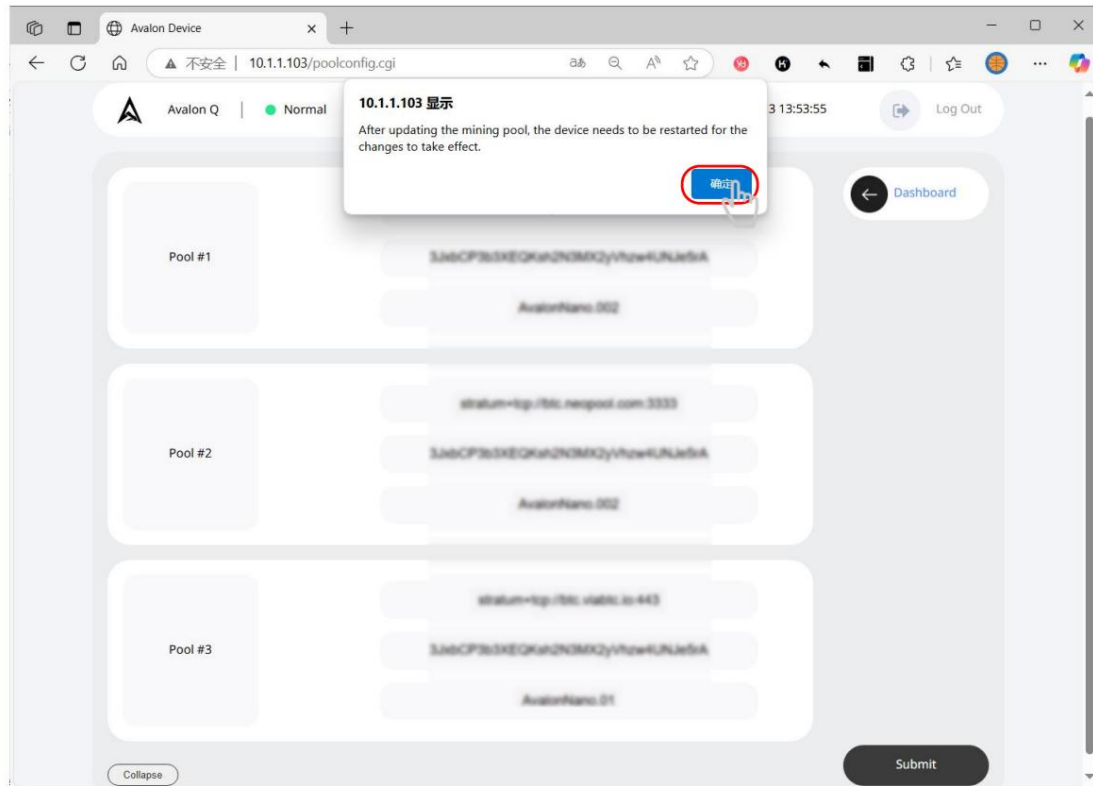
Log in to Q's management page and click "Pool Config" to configure the mining pool.



Enter the addresses of the three mining pools, the miner name and password, and then click "Submit".



Click "OK" again and the device will restart to make the configured mining pool take effect.



## 06 After-sales support

If you have any questions about Avalon Q, please contact us directly.

Service website: <https://support.canaan.io>

Service Email: [avalonsupport@canaan.io](mailto:avalonsupport@canaan.io)

### statement

The contents of this document are for informational purposes only and are provided on an "as is" basis.

All pictures are for reference only, the final delivery version is subject to the actual product.

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