STATIONPC

Product: Geek PC

Model: Station M3

FCC ID : 2AKCT-SPCM3

T-CHIP INTELLIGENCE TECHNOLOGY

V1.0

Product features

8-Core 64bit processor

8-Core 64bit processor RK3588S
8nm lithography process.
up to 2.4GHz

Super-large 16GB RAM

Up to 16GB RAM
Support LPDDR4/LPDDR4x/LPDDR5

8K H.265 / 6TOPS NPU

OpenGL ES3.2/2.0, Vulkan1.1
8K@60fps H.265/VP9 Decoding
8K@30fps H.265/H.264 Encoding
6TOPS NPU computing power

Network communication

1*GE（1000Mbps）
2.4G/5G Dual-band WiFi
Bluetooth4.2

All-new Station OS

The brand-new UI, card-style
design layout, and poster wall allow
movies to be presented in an orderly
manner. Downloaded movies will be
automatically organized
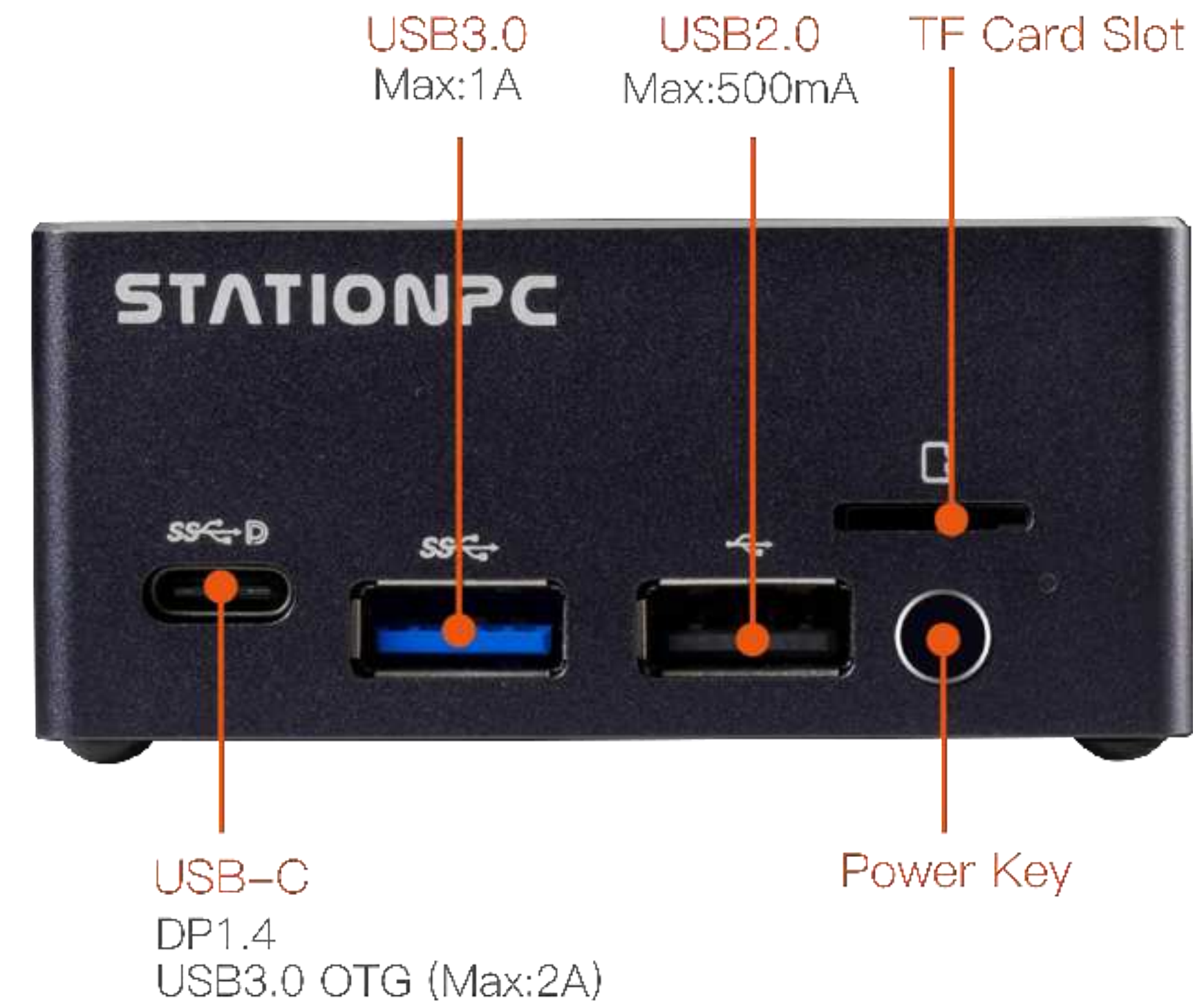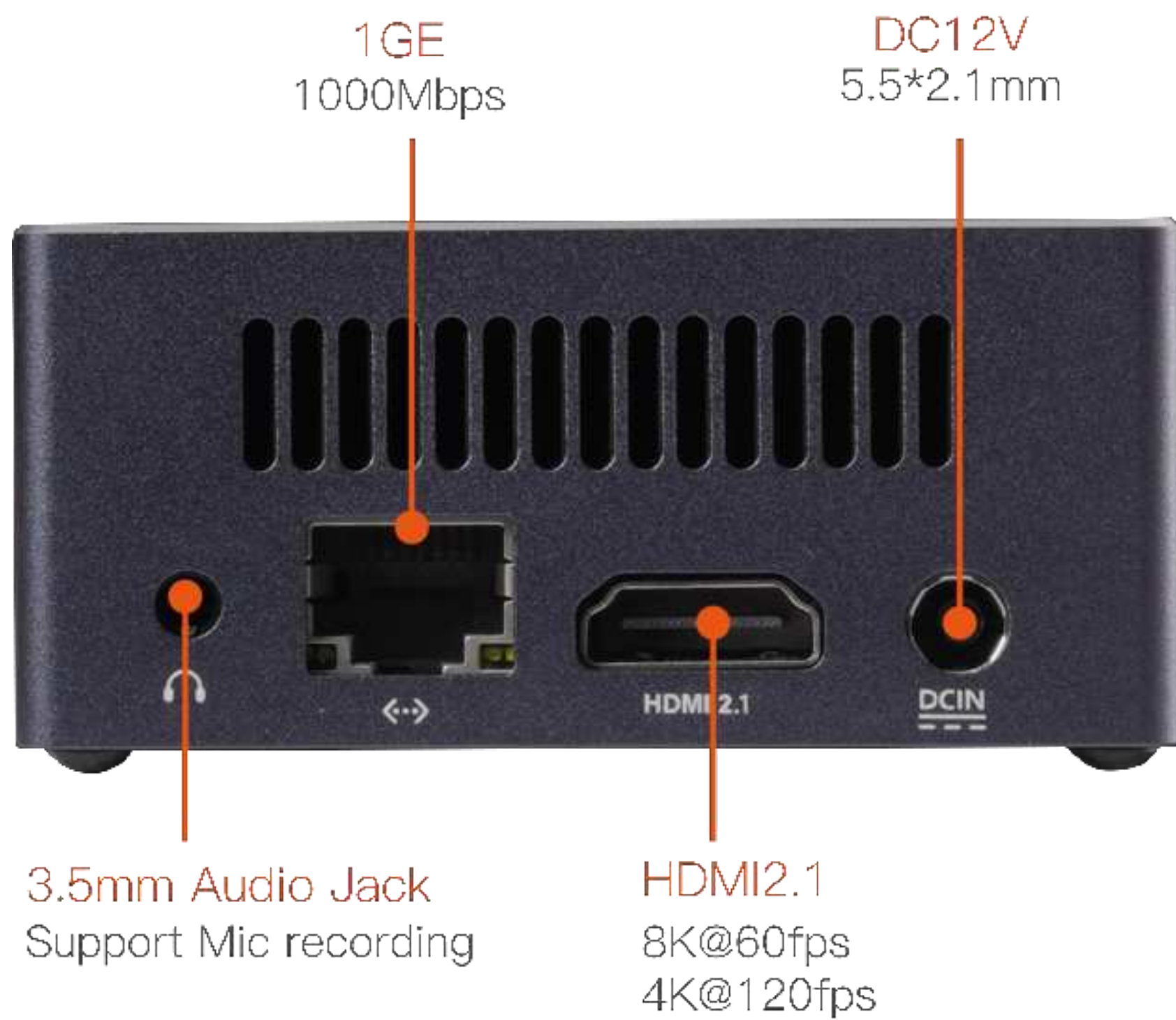
A variety of interfaces

All required interfaces in daily life are
available. Gigabit Ethernet port, HDMI2.1,
USB-C multi-function interface, USB3.0,
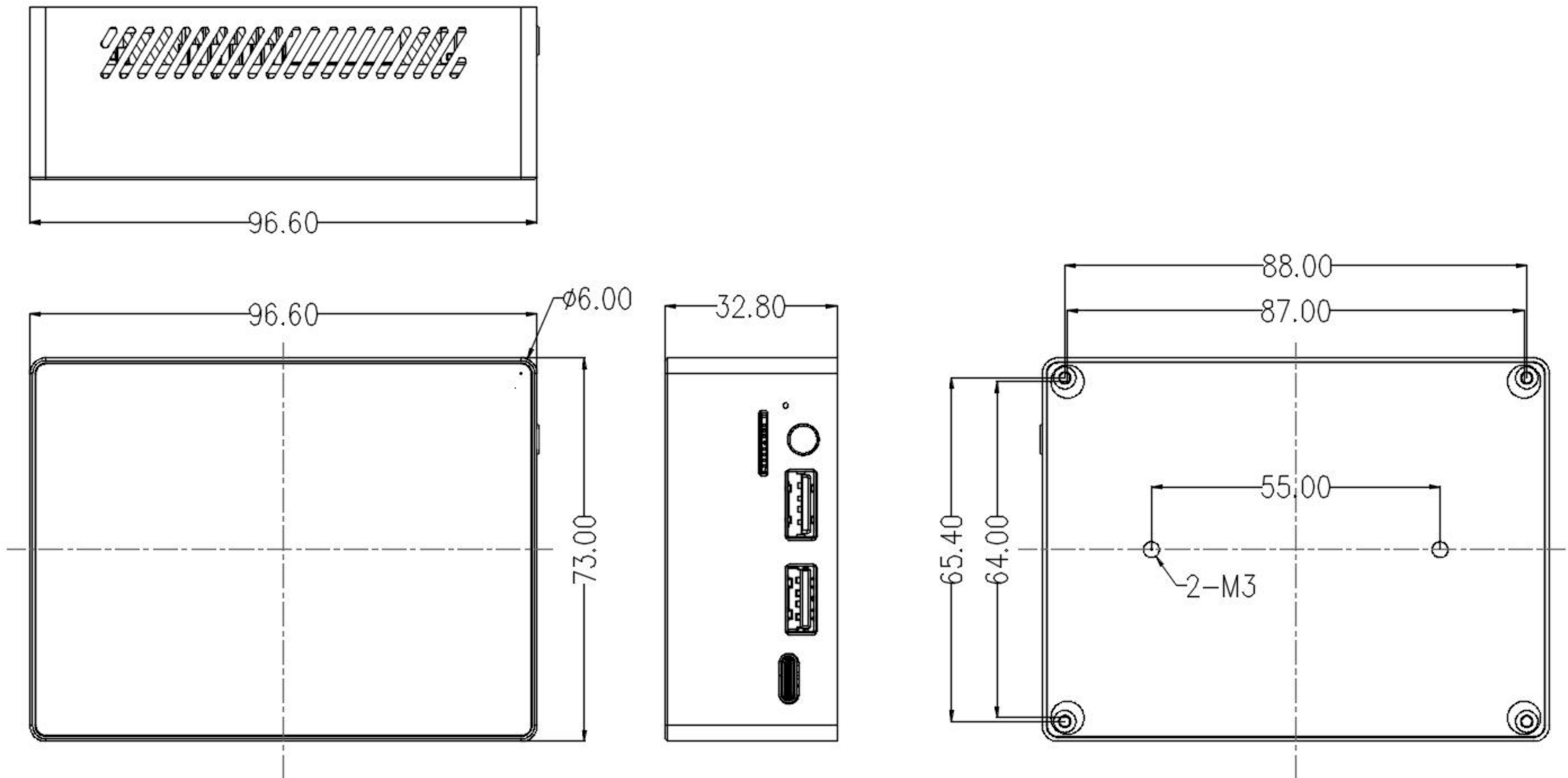USB2.0, TF card slot and audio jack

Specification

类　型	主要参数
SOC	RK3588S
CPU	Octa-core 64-bit CPU, clock speed up to 2.4GHz, Mali-G610 MP4 GPU NPU computing power up to 6 TOPS
Video Decoding	8K@60fps H.265/VP9/AVS2, 8K@30fps H.264 AVC/MVC, 4K@60fps AV1，1080P@60fps MPEG-2/-1/VC-1/VP8
RAM	4GB/8GB/16GB LPDDR4
Storage	32GB/64GB/128GB eMMC
Storage Expansion	M.2 SATA3.0 (2242) *1，Support SATA3.0 SSD (default)，Compatible with PCIe2.0 NVMe SSD TF card slot *1
Wireless	2.4GHz / 5GHz dual-band WiFi, 802.11 a/b/g/n/ac protocol, Bluetooth4.2
Ethernet	1000Mbps Ethernet (RJ45) ×1
Video Output	HDMI2.1 (8K@60fps or 4K@120fps) *1，DP1.4 (USB-C multi-function port, 8K@30fps) *1
Audio	3.5mm audio jack *1
USB	USB3.0 (current limit: 1A) *1，USB2.0 (current limit: 500mA) *1，USB-C multi-function port (USB3.0 OTG/DP1.4, current limit: 2A) *1
Power	DC12V input (5.5×2.1mm, recommend 12V/1.5A or above)
OS	Station OS (default)，Support Android, Ubuntu and more
Dimension	96.6mm*73mm*32.8mm
Button	Power button ×1, Recovery button (at the bottom of the 3.5mm audio jack) ×1
Power Consumption	Idle: ≈0.42W (12V/35mA)，Typical: ≈3W (12V/250mA)，Max: ≈14.4W (12V/1200mA)
Environment	Operating temperature: -20℃-40℃ , the product uses the adapter equipped with the machine for power supply. Operating temperature: -20℃-60℃, the product should use the adapter(a maximum ambient temperature is 60℃) for power supply.Storage Temperature: -20℃~70℃, Storage Humidity: -40%~70 %

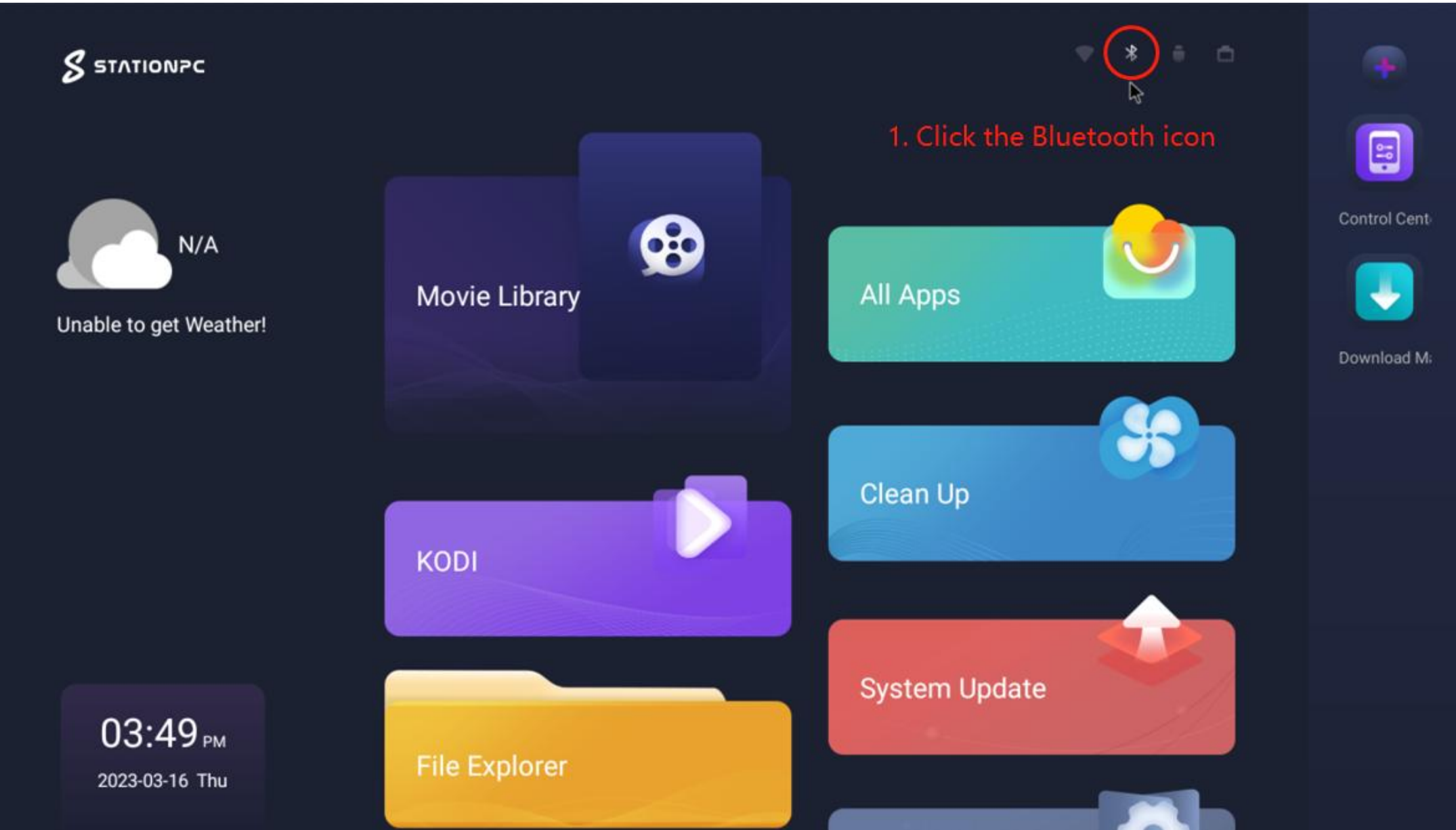# Interface description

1GE
1000Mbps

DC12V
5.5*2.1mm

3.5mm Audio Jack
Support Mic recording

HDMI2.1
8K@60fps
4K@120fps

HDMI 2.1

DCIN

USB3.0
Max:1A

USB2.0
Max:500mA

TF Card Slot

STATIONPC

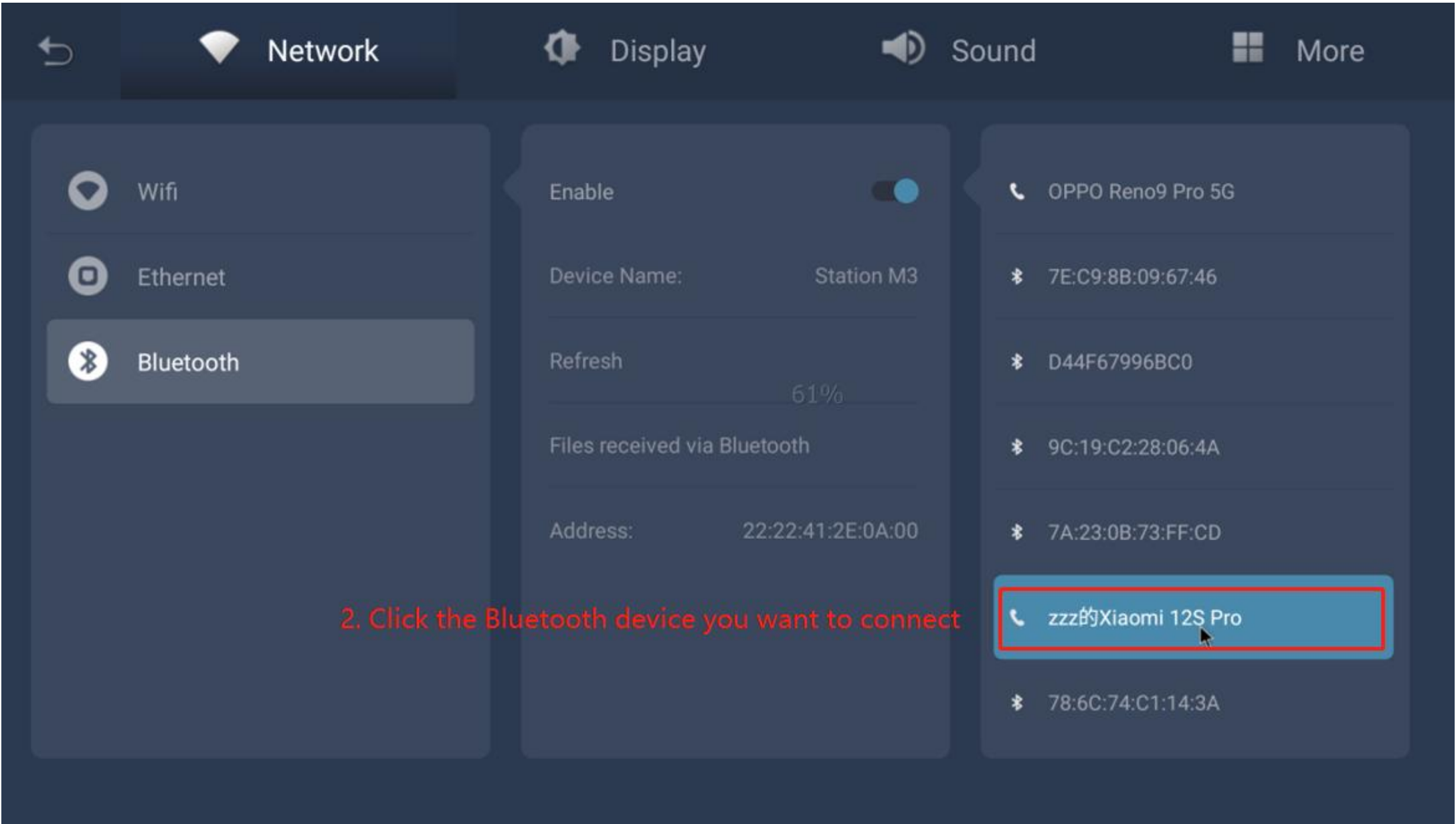USB-C
DP1.4
USB3.0 OTG (Max:2A)
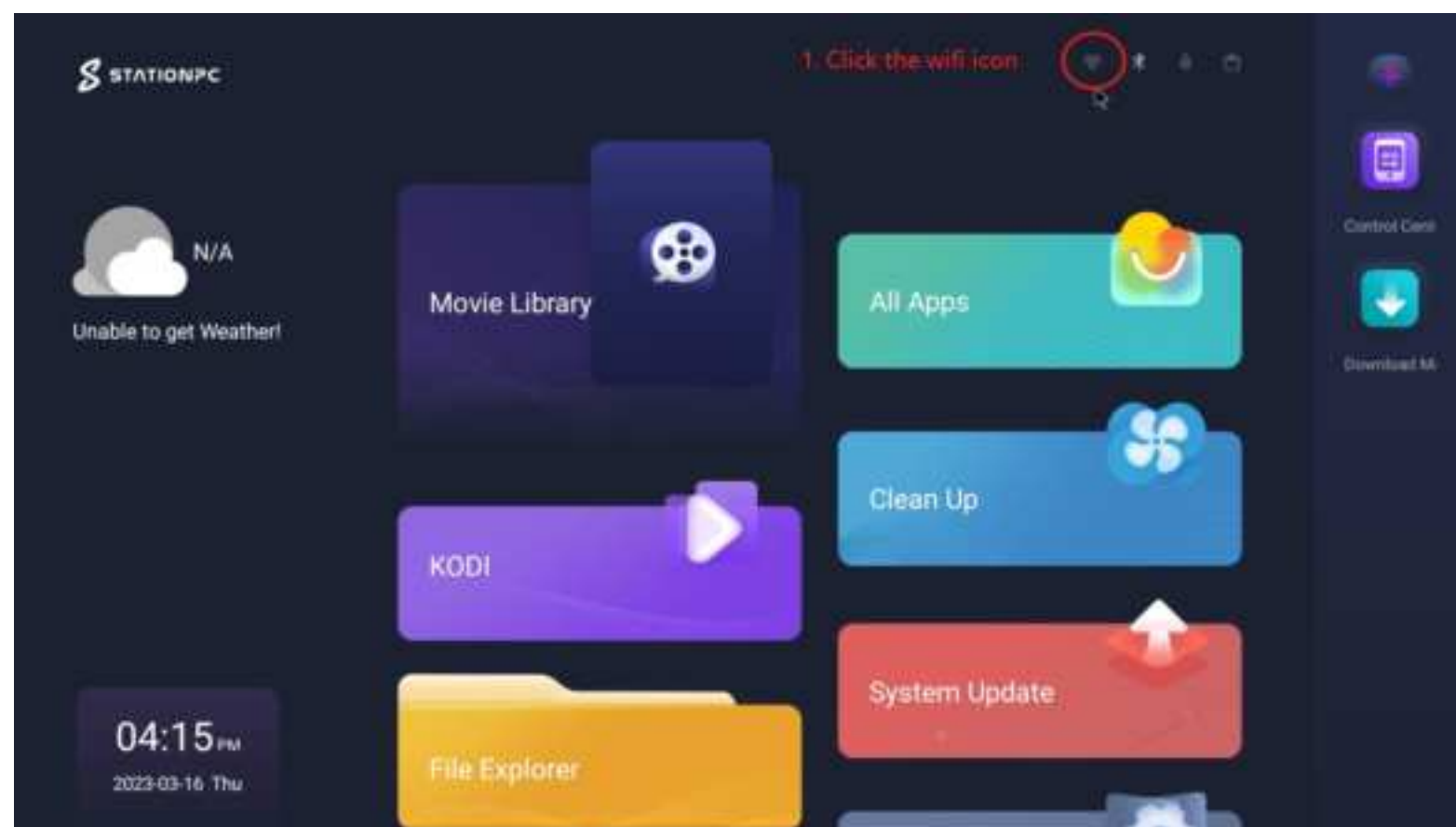
Power Key

Dimension

Connect Bluetooth

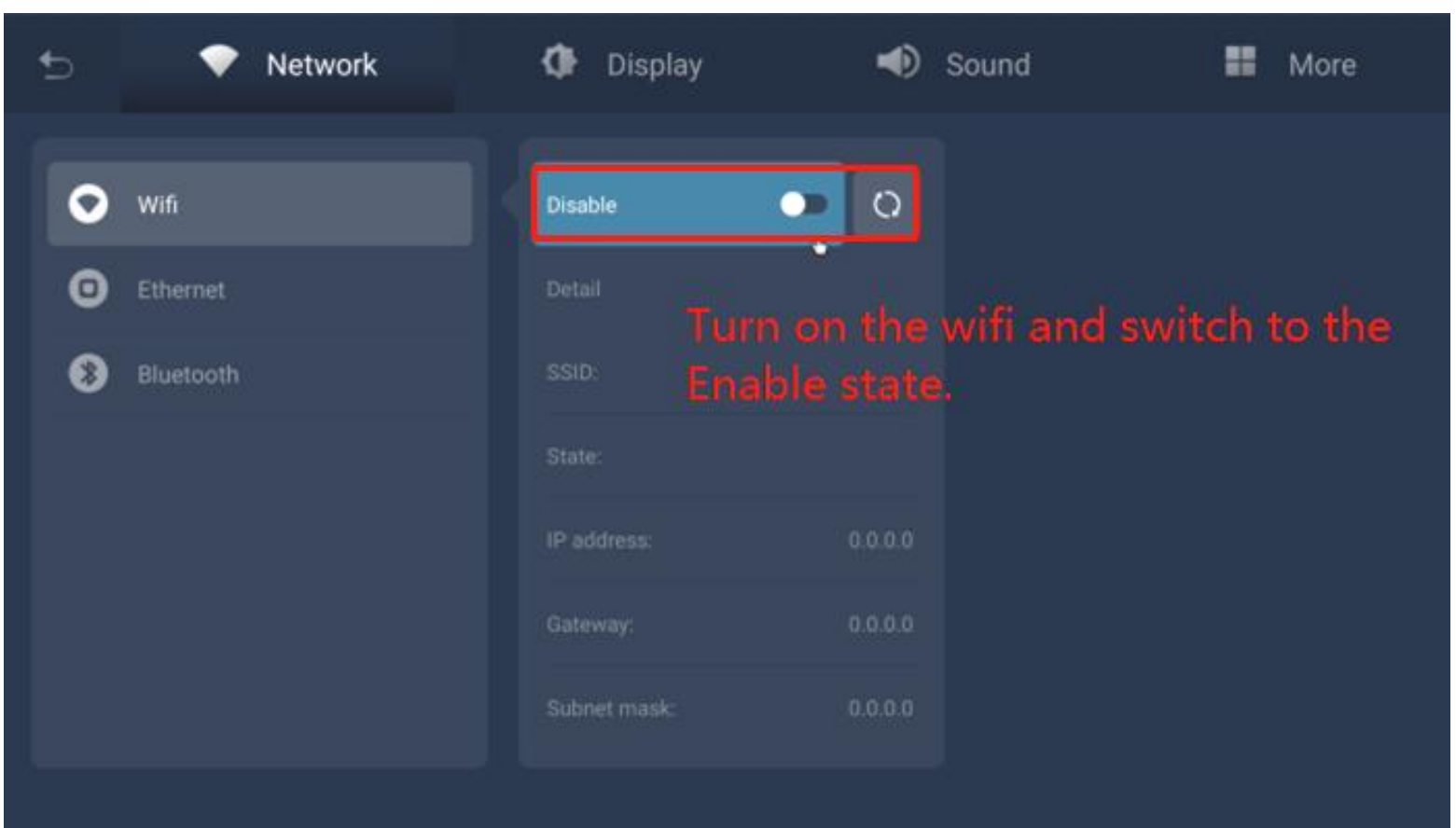

1. Click the Bluetooth icon

2. Click the Bluetooth device you want to connect

Connect WiFi

1. Click the WiFi icon
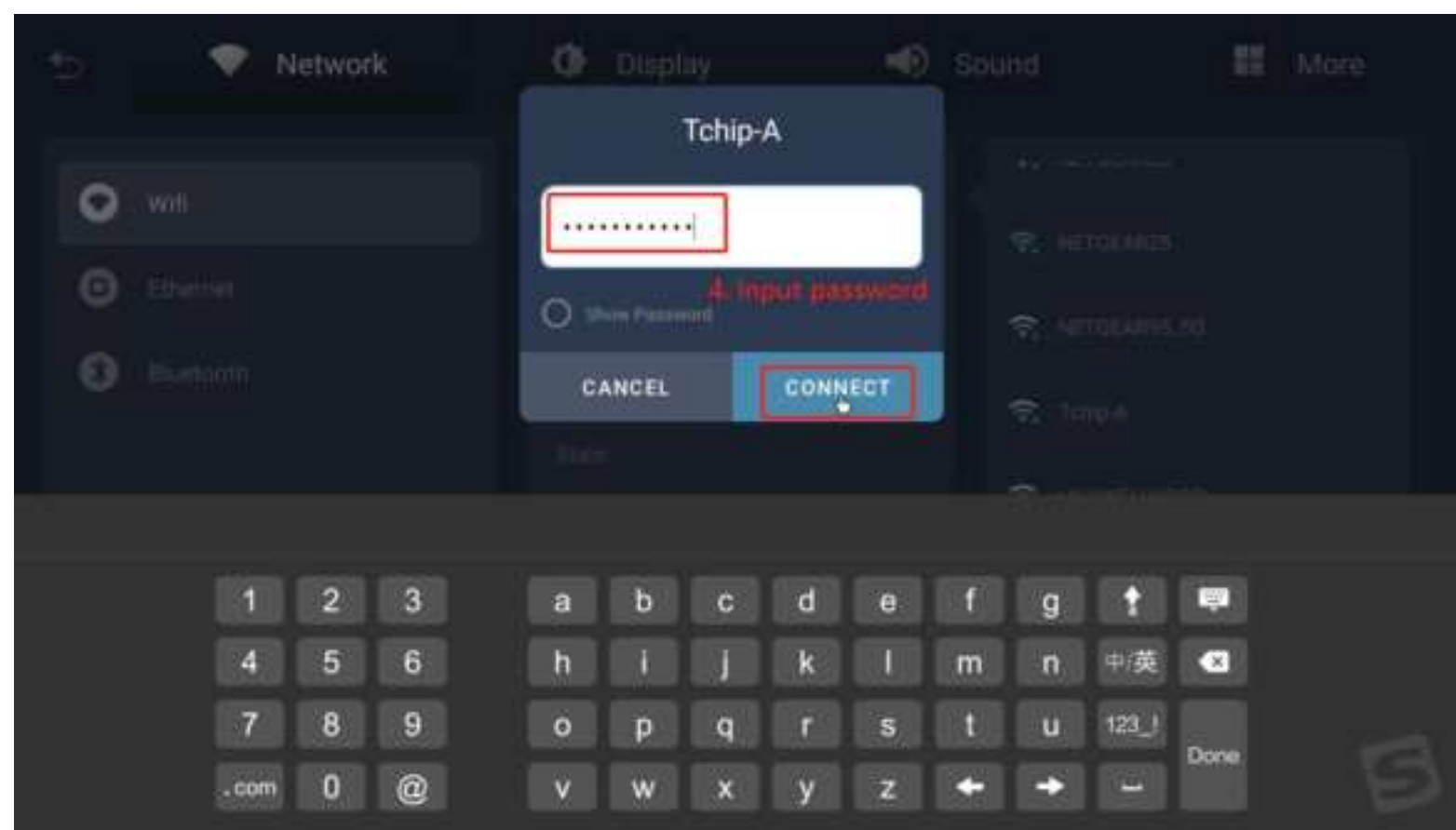

2. Turn on wifi switch

Turn on the wifi and switch to the Enable state.
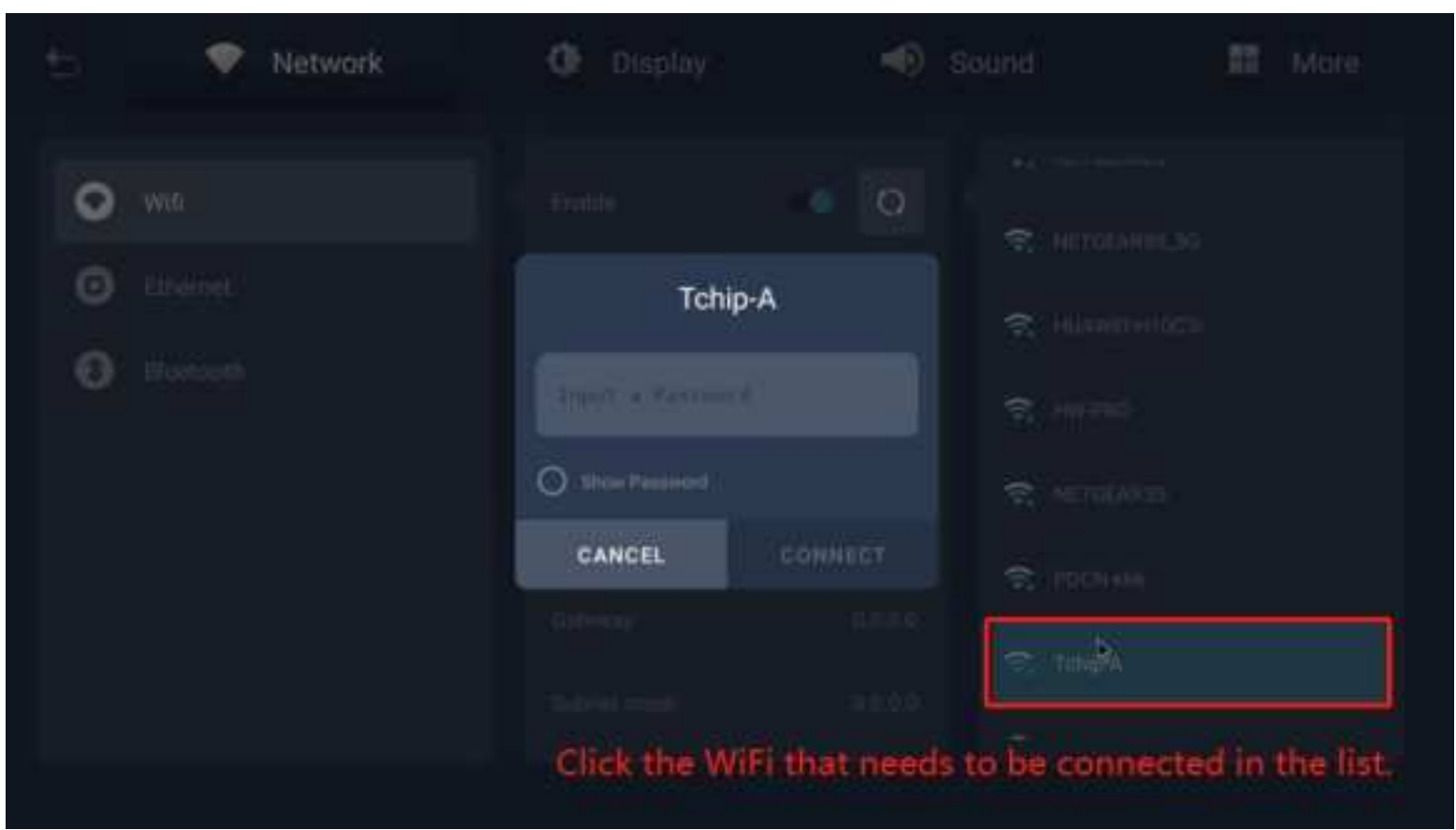
3. Click the WiFi you want to connect

Click the WiFi that needs to be connected in the list.

4. Enter Password

4. Input password

5. If the connection is successful, the status will show as Connected.
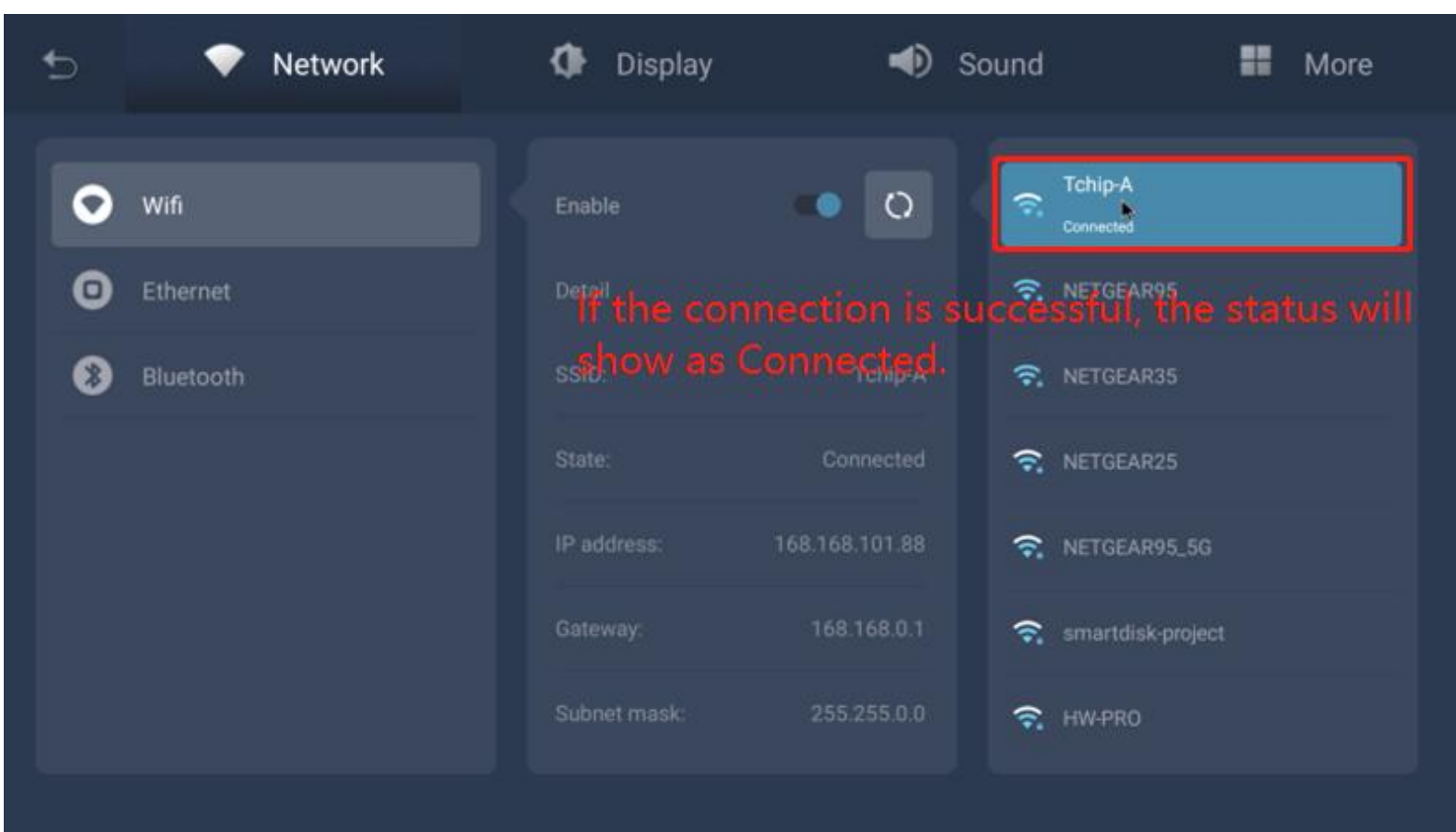
If the connection is successful, the status will show as Connected.

FCC WARNING

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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. To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.