

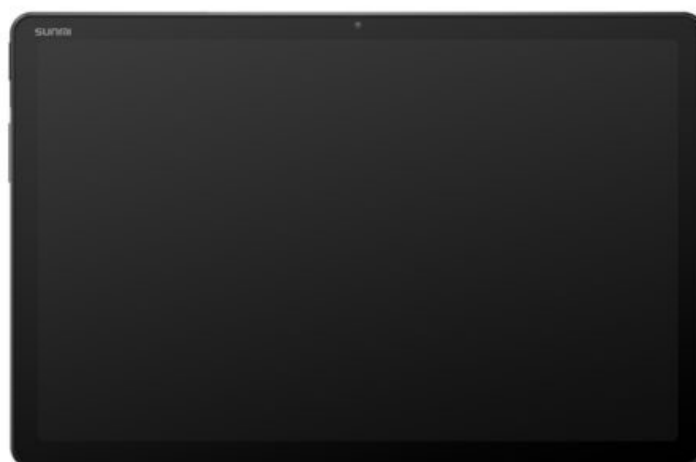


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Sunmi

Sunmi TFB1B Order Cpad



Display Screen

Used for showcasing multimedia features and prices among other information. Available sizes: 8.7-inch, 11-inch, and 14-inch.



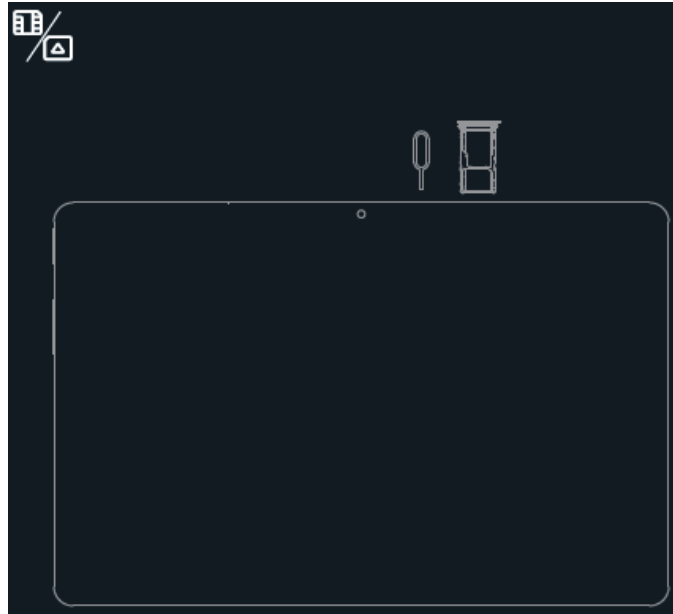
Power On / Press the Power Button to Start / Fingerprint Version (Optional)

- Short Press: turn on the screen or lock the screen;
- Long Press: press for 2-3 seconds to boot up the device when it is off.
- Press for 2-3 seconds to power off or restart the device when it is on.
- Press for 10 seconds to power off the device when it crashes.



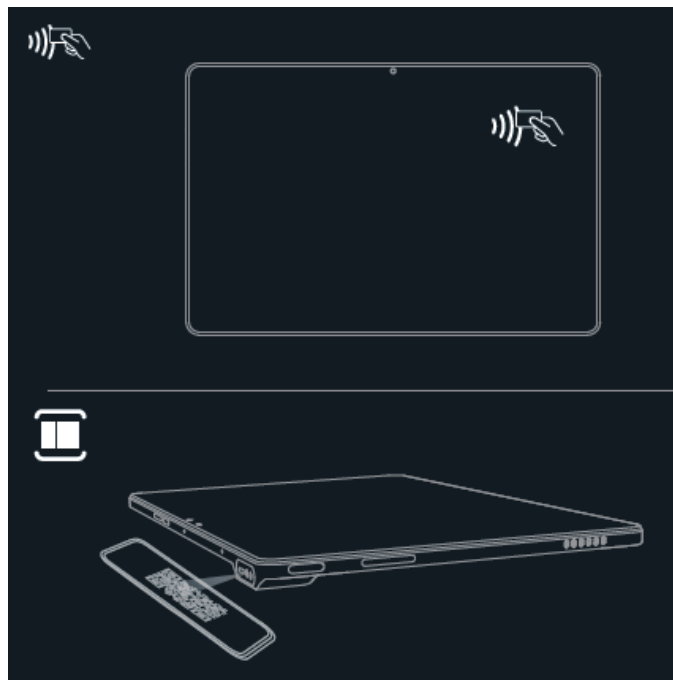
Micro SD Card/Nano SIM Card (Optional)

- Used for Micro SD card and Nano SIM card installation.
- NFC Card Reader (Optional)
- Used for NFC card reading.



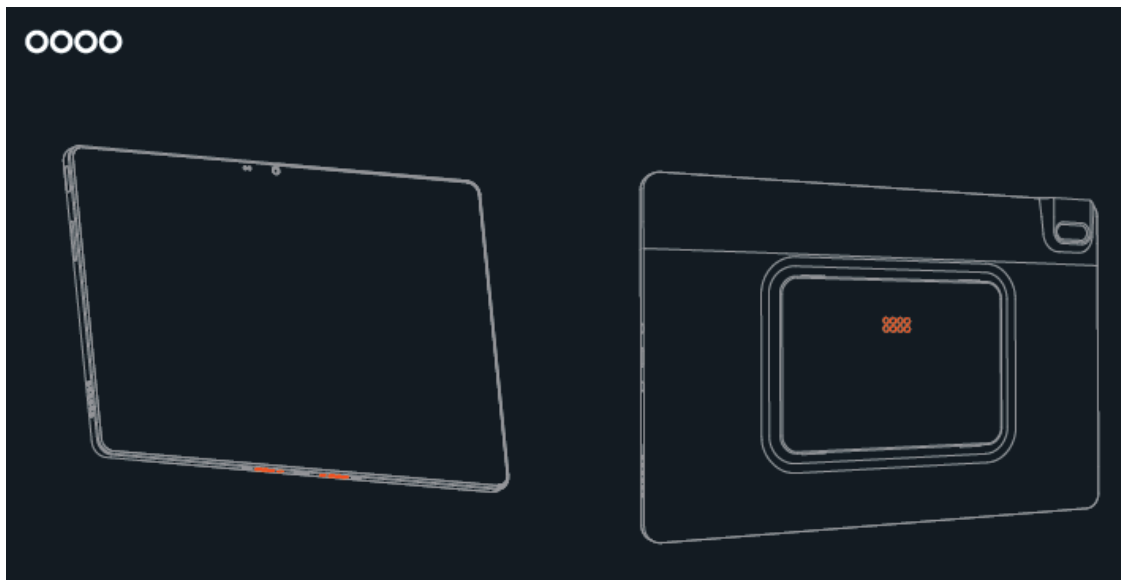
Scanner

Photo taking and quick 1D/2D code scanning supported.



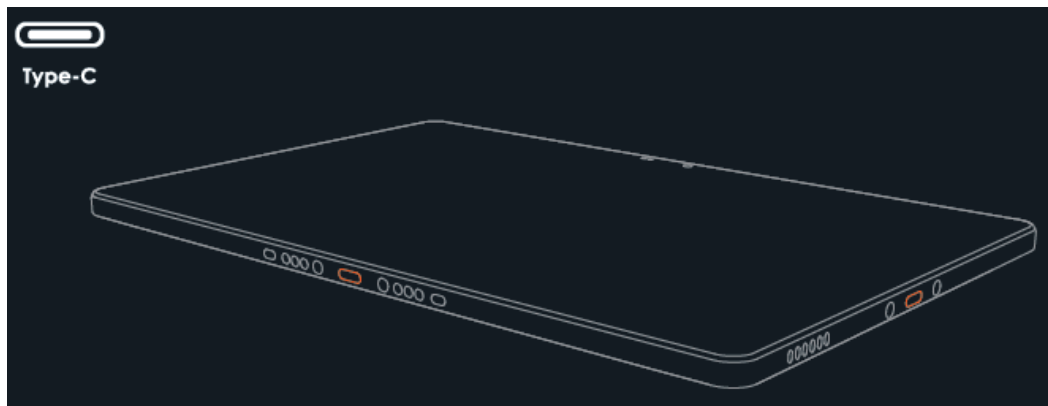
Expansion Port

Used for connecting accessories.



Type-C Port

Used for charging the device and for developer debugging.



Safety

Safety Warning

Please insert the AC plug into the AC socket corresponding to the input marked on the power adapter;

- Do not operate the device in non-safe areas.
- Do not replace the battery when explosive gas may be present.
- Do not charge the device in dangerous places.

Battery Replacement

1. There is a risk of explosion if the battery is replaced by an incorrect type!
2. The old battery shall be given to the maintenance personnel for disposal. Do not throw it into fire!

Caution

- Please avoid installation or usage during thunderstorms to prevent the risk of being struck by lightning.
- Please disconnect the power immediately once you find any abnormal odors, overheating, or smoke.

Suggestions

- Do not use the device under extreme cold or hot such as conditions near fire or lit cigarettes;
- Do not throw, drop, or bend the device;
- Try to use the device in a clean and dust-free condition to avoid small items falling into the terminal;
- Do not use the device near medical equipment without permission;
- The operating temperature of the product is -10°C to 50°C;
- This device is only suitable for safe use in areas with an altitude of 5000m and below.
- Before storing your device for an extended period ,please charge the battery to the optimal level to prevent deep discharge. For instance, if you plan to store the device for more than six months, it's recommended to charge it to 50% of its capacity every six months.
- This equipment is not suitable for use in locations where children are likely to be present.

Statements

The company is not responsible for the following actions:

- Damage caused by use and maintenance without the conditions described in this guide;
- The company will not be responsible for any damages or problems caused by the alternatives or consumables (not the original products or approved products provided by the company). (Without consent of the company. It is not authorized to make product modifications or changes);
- The operating system of this product supports official system updates. If the user

flashes a thirdparty ROM system or modifies the system files using cracking methods, it may cause system instability as well as pose security risks and threats.

Disclaimer

Due to product updates, some details of this document may not match the product, please refer to the actual product, and the right to interpret this document belongs to the company. The right to modify this guide without prior notice is reserved.

RF Exposure Statement (SAR)


This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. Please refer to the instruction on SUNMI website for specific values. The product SAR limit for Europe is 2.0 W/kg for body it has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body(0mm) is 1.976 W/kg.

EU regulatory conformance

Hereby, Shanghai Sunmi Technology Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://developer.sunmi.com/docs/read/en-US/maaeghjk480>

RESTRICTIONS OF USE

This product may be used in the following European member states subject to the following restrictions. For products that operate in the frequency band 5150-5350MHz and 5945-6425 MHz If the product support 6e , wireless access systems(WAS), including radio local area networks (RLANs), shall be restricted to indoor use.

	BE	BG	CZ	DK	HU	MT
	DE	EE	IE	EL	NL	AT
	ES	FR	HR	IT	PL	PT
	CY	LV	LT	LU	SK	FI
	RO	SI	SE	UK(NI)	UK	IS
	LI	NO	CH	TR		

EU Representative :SUNMI France SAS 186,avenue Thiers,69006 Lyon, France



This symbol means that it is forbidden to dispose the product of with normal household waste. At the end of the product life cycle, waste equipment should be taken to designated collection points, returned to the distributor when purchasing a new product, or contact your local authority representative for detailed information on WEEE recycling.

Frequency and Power for EU:

Please refer to the instruction on SUNMI website for specific values.

PRODUCT SAFETY WARNINGS

Before using the device, please make sure you have read all instructions and safety warnings carefully to avoid getting injured during the use. Please ensure the operating temperature of this product is within the range required by the manufacturer.

The operating temperature of this product can be found by scanning the provided barcode. Please refer to the instruction on SUNMI website for corresponding models.

Technical specifications

CE certification information (SAR)

This device was tested for typical body-worn operations with the back of the handset kept 0mm away. To maintain compliance with RF exposure requirements, use accessories that maintain 0mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided. If you are using pacemaker, hearing aid, cochlear implant or other device, please use the phone according to the doctor's advice.

PRODUCT SAFETY WARNINGS

Use responsibly. Read all instructions and safety information before use to avoid injury.

The limit operating ambient temperature of the equipment declared by the manufacturer is -10~50°C.

Battery safety

Charge battery only at ambient temperatures ranging from 40°C.

1. CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer. Dispose of used batteries according to battery manufacturer's instructions.
2. CAUTION: Risk of explosion if battery is replaced by an incorrect type . Dispose of used batteries according to the instructions.
3. CAUTION: Battery charging temperature upper limit is 40°C.

Adapter safety

When charging, please place the device in an environment that has a normal room temperature and good ventilation. It is recommended to charge the device in an environment with a temperature that ranges from 0°C~40°C.

For altitude 5km below use only

Wi-Fi Safety

Turn Wi-Fi off in areas where Wi-Fi use is prohibited or when it may cause interference or danger, such as in airplanes while flying.

ISED Canada compliance statements

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

Operation of transmitter in the 5925-7125MHz band is prohibited for control of or

communications with unmanned aircraft systems and is restricted to indoor usage only.

FCC compliance statement

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

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Operation of transmitter in the 5925-7125MHz band is prohibited for control of or communications with unmanned aircraft systems and is restricted to indoor usage only.

- Manufacturer: Shanghai Sunmi Technology Co., Ltd.
- Address: Room 505, No. 388, Song Hu Road, Yang Pu District, Shanghai, China

Mode/Band	Operation Frequency	Power for CE
GSM900	880-915(TX),925-960(RX)	33.50dBm
DCS1800	1710-1785(TX),1805-1880(RX)	31dBm
WCDMA Band1	1920-1980MHz(TX), 2110-2170MHz(RX)	24dBm
WCDMA Band8	880-915MHz(TX), 925-960MHz(RX)	24dBm
LTE Band 1	1920-1980MHz(TX), 2110-2170MHz(RX)	24dBm
LTE Band 3	1710-1785MHz(TX), 1805-1880MHz(RX)	24dBm
LTE Band 7	2500-2570MHz(TX), 2620-2690MHz(RX)	24dBm
LTE Band 8	880-915MHz(TX), 925-960MHz(RX)	24dBm
LTE Band 20	832-862MHz(TX), 791-821MHz(RX)	24dBm
LTE Band 28	703-748MHz(TX), 758-803MHz(RX)	24dBm
LTE Band 34	2010-2025MHz(TX), 2010-2025MHz(RX)	24dBm
LTE Band 38	2570-2620MHz(TX), 2570-2620MHz(RX)	24dBm
LTE Band 40	2300-2400MHz(TX), 2300-2400MHz(RX)	24dBm
LTE Band 41	2496-2690MHz(TX), 2496-2690MHz(RX)	24dBm
BT	2402-2480MHz(TX/RX)	12.37dBm
BLE	2402-2480MHz(TX/RX)	12.63dBm
2.4G WiFi	2412-2472MHz(TX/RX)	17.46dBm
5G WiFi	5150-5350MHz(TX/RX)	16.61dBm
5G WiFi	5470-5725MHz(TX/RX)	18.83dBm

5G WiFi	5725-5850MHz(TX/RX)	13.98dBm
6G WiFi	5945-6425MHz(TX/RX)	11.62dBm
NFC	13.56MHz(TX/RX)	45.34dB μ V/m@10m
GNSS	1559-1610MHz(RX)	/

Scan to know more



www.sunmi.com

FAQ

- **Q: What should I do if the device crashes?**

A: Press and hold the Power Button for 10 seconds to power off the device if it crashes.


- **Q: Can I use third-party ROM systems with this device?**

A: Using third-party ROM systems or modifying system files using cracking methods may cause system instability and pose security risks and threats.

- **Q: How do I dispose of the product at the end of its lifecycle?**




A: Do not dispose of the product with normal household waste. Take it to designated collection points, return it to the distributor, or contact local authorities for WEEE recycling information.

Documents / Resources

	Sunmi M3L Wireless Data Terminal [pdf] User Guide 2AH25M3L, 2AH25M3L m3l, M3L Wireless Data Terminal, M3L, Wireless Data Terminal, Data Terminal, Terminal
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References

- [User Manual](#)

 Cpad, Order, SUnml, TFB1B, TFB1B Order, user
 SUnml  guide

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