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Sunmi M3L Order PAD 3 Wireless Data Terminal



Specifications

- Model: HVIN: TF41B 150mm
- Display Screen: Available sizes – 8.7-inch, 11-inch, and 14-inch

- **Power Button:** Short Press to turn on or lock screen; Long Press for device boot up; Press for 2-3 seconds to power off or restart
- **Card Slots:** Micro SD Card/Nano SIM Card (Optional)
- **NFC Card Reader:** Optional NFC card reading capability
- **Scanner:** Supports photo taking and quick 1D/2D code scanning
- **Expansion Port:** For connecting accessories
- **Type-C Port:** For charging and developer debugging

Power On/Off

- Press the Power Button to turn on the screen or lock it.
- Long-press for 2-3 seconds to boot up the device when off. Press for 2-3 seconds to power off or restart the device when on. In case of a device crash, press for 10 seconds to power it off.

Card Installation

- Use the Micro SD Card/Nano SIM Card slots for installation as needed.

NFC Card Reader:

- If equipped with an NFC Card Reader, use it for NFC card reading purposes.

Scanner:

- The device supports photo taking and quick 1D/2D code scanning with the scanner feature.

Expansion Port:

- Connect accessories using the Expansion Port.

Type-C Port:

- Charge the device or perform developer debugging via the Type-C Port.

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 are supported.
- Expansion Port
- Used for connecting accessories.
- Type-C Port
- Used for charging the device and for developer debugging.
- 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 with an incorrect type!
2. The old battery shall be given to the maintenance personnel for disposal. Do not throw it into the 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 in extreme cold or hot environments, 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 environment 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 the 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 third-party 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 instructions on the SUNMI website for specific values.
- The product SAR limit for Europe is 2.0 W/kg for the 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 supports 6e , wireless access systems(WAS), including radio local area networks (RLANs), shall be restricted to indoor use.

	BE	BG	CZ	DK	HU	MT	Note: In all EU and UK member states, operation of 5150-5350 MHz and 5945-6425 restricted to indoor use only.
	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 of the product 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 instructions on the 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 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 instructions on the SUNMI website for the 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 their 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 a 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

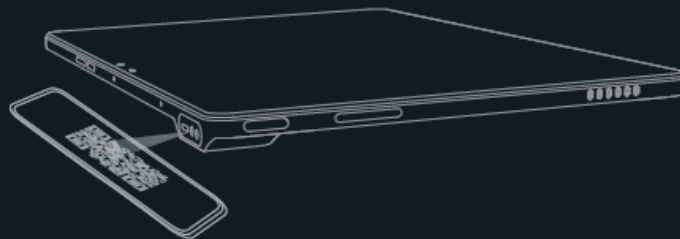
- Charge battery only at ambient temperatures ranging from 40°C.
 1. CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer. Dispose of used batteries according to the battery manufacturer's instructions.

2. CAUTION: Risk of explosion if the battery is replaced with an incorrect type.
Dispose of used batteries according to the instructions.
3. CAUTION: Battery charging temperature upper limit is 40°C.
4. Adapter safety
5. 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.
6. For an altitude of 5km below, use only.
7. Wi-Fi Safety
8. 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.
9. ISED Canada compliance statements
10. This device complies with ISED Canada licence-exempt RSS standard(s).
11. 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.
12. 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.
13. Operation of the transmitter in the 5925-7125MHz band is prohibited for control of or communications with unmanned aircraft systems and is restricted to indoor usage only.



14"







FCC compliance statement

1. This device complies with Part 15 of the FCC Rules. The 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 according to 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 the transmitter in the 5925-7125MHz band is prohibited for control of or communications with unmanned aircraft systems and is restricted to indoor usage only.

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)	/

Manufacturer: Shanghai Sunmi Technology Co., Ltd.

- Address: Room 505, No. .38 8, SonHu Roaddd, Yang Pu District, Shanghai,C hina
- www.sunmi.com
- 400-6666-509
- Scan to know more



FAQs

Q: What should I do if the device crashes frequently?

A: If the device crashes often, try pressing the Power Button for 10 seconds to power it off. You can also contact customer support for further assistance.


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

A: It is not recommended to use third-party ROM systems or modify system files using a cracking method, as it may lead to system instability and pose security risks.

Q: Where can I find the EU declaration of conformity for this product?

A: The full text of the EU declaration of conformity can be found at the following internet address: <https://developer.sunmi.com/docs/read/en-US/maaeghjk480>

Documents / Resources

	Sunmi M3L Order PAD 3 Wireless Data Terminal [pdf] User Guide M3L, M3L Order PAD 3 Wireless Data Terminal, Order PAD 3 Wireless Data Terminal, PAD 3 Wireless Data Terminal, Wireless Data Terminal, Data Terminal
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References

- [User Manual](#)

■ SUnml
◆ Data Terminal, M3L, M3L Order PAD 3 Wireless Data Terminal, Order PAD 3 Wireless Data Terminal, PAD 3 Wireless Data Terminal, SUnml, Wireless Data Terminal

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