

SUNMI TF700

SUNMI M2 MAX Industrial Tablet User Manual

Model: TF700

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your SUNMI M2 MAX Industrial Tablet, model TF700. Please read this manual thoroughly before operating the device and retain it for future reference.



Figure 1: Front view of the SUNMI M2 MAX Industrial Tablet, showing its display with various application icons.

SETUP

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed below are present and undamaged:

- SUNMI M2 MAX Industrial Tablet (TF700)
- Power Adapter
- USB Type-C Cable
- Hand Strap (optional, if included with your model)

2. Charging the Device

Before first use, fully charge the tablet. Connect the USB Type-C cable to the tablet's charging port and the other

end to the power adapter. Plug the power adapter into a wall outlet. The charging indicator will illuminate. The tablet is equipped with an 8360mAh non-removable lithium polymer battery. A full charge can provide over 12 hours of continuous operation.

3. Installing SIM Card and MicroSD Card (Optional)

The device supports MicroSIM or NanoSIM cards (Config 1) and an eSIM (Config 2). It also supports MicroSD cards up to 128GB for expanded storage.

1. Locate the SIM/MicroSD card slot on the side of the tablet.
2. Use the provided SIM ejector tool (if applicable) or a small paperclip to open the tray.
3. Carefully place the SIM card(s) and/or MicroSD card into the tray according to the diagram on the tray.
4. Gently push the tray back into the slot until it clicks into place.



Figure 2: Rear view of the SUNMI M2 MAX, highlighting the camera, pogo pin charging interface, and the location of the SIM/MicroSD card slot.

4. Attaching the Hand Strap (Optional)

If your model includes a hand strap, attach it to the designated points on the back of the tablet for secure handling during mobile operations.



Figure 3: The SUNMI M2 MAX Industrial Tablet being held with an optional hand strap, demonstrating enhanced portability and secure grip.

OPERATING THE DEVICE

1. Power On/Off

- **Power On:** Press and hold the Power button (located on the side) until the SUNMI logo appears on the screen.
- **Power Off:** Press and hold the Power button until a power-off menu appears. Select "Power Off" and confirm.
- **Restart:** From the power-off menu, select "Restart" to reboot the device.

2. Basic Navigation

The SUNMI M2 MAX runs on the Android operating system. Navigation is primarily touch-based:

- **Tap:** To select an item or open an application.
- **Swipe:** To scroll through lists or switch between screens.
- **Pinch-to-zoom:** To zoom in or out on images or web pages.
- **Home Button:** Returns to the home screen.
- **Back Button:** Returns to the previous screen.
- **Recent Apps Button:** Displays recently used applications.

3. Connecting to Networks

The tablet supports Wi-Fi (2.4GHz/5GHz, 802.11 a/b/g/n/ac) and cellular networks (2G, 3G, 4G).

- **Wi-Fi:** Go to **Settings > Network & internet > Wi-Fi** Turn Wi-Fi on, select your desired network, and enter the password if required.
- **Cellular Data:** Ensure a valid SIM card is inserted. Go to **Settings > Network & internet > Mobile network** to enable mobile data and configure APN settings if necessary.
- **Bluetooth:** Go to **Settings > Connected devices > Bluetooth** to pair with Bluetooth devices (supports Bluetooth 5.0).

4. Using NFC

The SUNMI M2 MAX is equipped with NFC (Near Field Communication) for contactless transactions and data exchange. To use NFC, ensure it is enabled in settings and hold the tablet near a compatible NFC reader or device.

5. Camera Operation

The tablet features a 13 MP rear camera with flash and autofocus, and a 5 MP front camera. Open the "Camera" application to capture photos or record videos.

MAINTENANCE

1. Cleaning the Device

Use a soft, lint-free cloth slightly dampened with water or a screen cleaner to wipe the display and exterior. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture.

2. Battery Care

- Avoid exposing the tablet to extreme temperatures (below -20°C or above 70°C).
- Do not allow the battery to fully discharge frequently.
- Use only the original or certified compatible power adapter and cable.

3. Software Updates

Regularly check for and install system updates to ensure optimal performance and security. Go to **Settings >**

4. Environmental Protection

The SUNMI M2 MAX is designed with IP68 protection and a 1m drop specification, making it suitable for demanding environments. However, avoid intentional drops or prolonged submersion in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; software crash.	Charge the device for at least 30 minutes. Press and hold the Power button for 10-15 seconds to force restart.
Cannot connect to Wi-Fi.	Incorrect password; Wi-Fi disabled; router issue.	Verify password. Ensure Wi-Fi is enabled in settings. Restart router. Forget and reconnect to the network.
Touchscreen unresponsive.	Temporary software glitch.	Force restart the device by holding the Power button.
Applications crashing.	Insufficient RAM; app bug.	Close background apps. Clear app cache/data (Settings > Apps). Update the app.

SPECIFICATIONS

The following table outlines the key technical specifications of the SUNMI M2 MAX Industrial Tablet (Model: TF700).

Enterprise Tablet

SUNMI M2 MAX

Professional protections.

M2 MAX enterprise tablet is an IP65 device with an 1m drop spec, making it applicable for the use in demanding environments. The 10.1" FHD screen adopts Corning Gorilla Glass3, which is impact- & scratch-resistant.

Smooth operation.

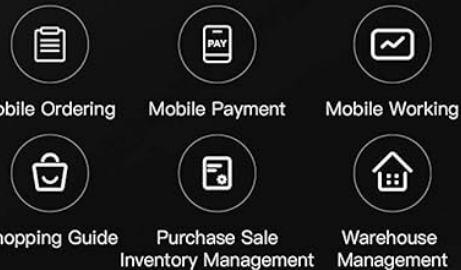
M2 MAX can run multiple Apps smoothly with a high-performance octa-core processor and a big memory.

Long battery run time.

With a built-in 8360mAh battery, it can work for over 12 hours continuously, and the standby time can be up to 20 days.

Versatility brought by various accessories.

To make M2 MAX applicable for different scenarios, we have optional accessories including hand strap, scanner handle, 4-slot charging base and cradle. *Some accessories will be launched to the market successively.



SUNMI M2 MAX

Tech Specs

OS OS Android 9.0 SUNMI OS	Processor Kryo-260, octa-core 2.2GHz	Memory 3GB RAM + 32GB ROM 4GB RAM + 64GB ROM	Display 10.1" FHD, 1920*1200 Capacitive multitouch	Cameras Front: 5MP FF Rear: 13MP AF + Flashlight, supports 1D/2D barcode recognition
NFC Card Reader Supports TypeA&B card, Mifare card, Felica card; ISO/ICE 14443 and ISO15693 compliant	Speaker/MIC 2* 1W 2* MIC	PSAM Card Slot 1*PSAM	SIM Card Slot 1* MicroSD (TF) (Config 1) 2* NANO SIM or 1* NANO SIM+1* MicroSD (TF) (Config 2)	eSIM Yes (Config 2)
Network 2G & 3G & 4G	Wi-Fi 2.4GHz/5GHz Supports IEEE 802.11 a/b/g/n/ac	Bluetooth Supports Bluetooth 2.1/3.0/4.1/4.2/5.0 Supports BLE	GPS Supports AGPS Supports GPS/Glonass/ Beidou (Config 2)	Sensor Gravity sensor, light sensor, compass, hall
Buttons 1* Power (lock screen) button 2* Volume (+/-) button	Ports 1* Type-C, supports OTG 1* Audio jack Supports pogo pin expansion	Battery Non-removable lithium polymer battery 3.85V/8360mAh	Power Adapter Input: AC 100-240V Output: DC 5V/2A	Dimensions (L*W*H) 245.6*164.4*9.9mm (thinnest)
Total Weight 673g	Protection IP65 1.0m drop spec *Data from SUNMI Lab	Environment Operating temperature: -20°C~55°C Storage temperature: -40°C~70°C		

Note:

1. Config 1: Wi-Fi Version; Config 2: 4G Version.
2. Actual memory will be reduced due to a number of factors and may vary. Operating system also occupies some memory.
3. The actual specs of products launched to the market shall take precedence over the info listed in this catalogue; any change may be made without prior notification.

Figure 4: Comprehensive technical specifications for the SUNMI M2 MAX Industrial Tablet.

Model: TF700

Operating System: Android 9.0 (SUNMI OS)

Processor: Kryo-260, Octa-core 2.2GHz (Qualcomm)

Memory: 3GB RAM + 32GB ROM (eMMC)

Display: 10.1-inch FHD, 1920x1200, Capacitive multitouch, Corning Gorilla Glass 3

Cameras: Front: 5MP FF; Rear: 13MP AF + Flashlight, supports 1D/2D barcode recognition

NFC: Type-A&B card, Mifare card, Felica card, ISO/IEC 14443 and ISO/IEC 15693 compliant

Speaker/MIC: 1W Speaker, 2x MIC

PSAM Card Slot: 1x PSAM

SIM Card Slot: 1x MicroSD (TF), 1x MicroSIM or 1x NanoSIM (TF700 Config 1), eSIM (TF700 Config 2)

Network: 2G & 3G & 4G

Wi-Fi: 2.4GHz/5GHz, 802.11 a/b/g/n/ac

Bluetooth: Supports Bluetooth 2.1/3.0/4.2/5.0 (BLE)

GPS: Supports AGPS, GPS, GLONASS, Beidou (Config 2)

Sensor: Gravity sensor, light sensor, compass, Hall

Buttons: 1x Power (lock screen), 2x Volume (+/-)

Ports: 1x Type-C (supports OTG), 1x Audio Jack, 1x MicroSD (up to 128GB expansion)

Battery: Non-removable Lithium Polymer battery, 8360mAh

Power Adapter: Input: AC 100-240V, Output: DC 5V/2A

Dimensions (LxWxH): 249.8 x 160 x 9.9 mm (0.39 x 6.3 x 9.84 inches)

Total Weight: 673g (1.48 pounds)

Protection: IP68, 1m drop spec

Operating Temperature: -20°C to 55°C

Storage Temperature: -40°C to 70°C

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official SUNMI website. Keep your proof of purchase for warranty claims.

SUNMI Official Website: www.sunmi.com

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This manual is subject to change without prior notice.

Related Documents - TF700

	SUNMI TW010 Wireless Router Quick Start Guide Get started quickly with the SUNMI TW010 Wireless Router. This guide covers setup, specifications, features, and troubleshooting for your SUNMI commercial router.
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	SUNMI T3 POS System User Manual and Guide A comprehensive guide for the SUNMI T3 Point of Sale (POS) system, detailing setup, operation, connectivity, safety precautions, and compliance information.
	SUNMI ORDER PAD 3 User Manual - Features, Safety, and Specifications Comprehensive user manual for the SUNMI ORDER PAD 3 (M3WH Wireless Data Terminal), covering product features, detailed safety warnings, regulatory compliance (EU, FCC, ISED Canada), and technical specifications.
	Order Pad 3 User Manual and Safety Information Comprehensive user manual and safety guidelines for the SUNMI Order Pad 3 (M3W Wireless Data Terminal), covering device features, operation, safety warnings, and regulatory compliance including EU, FCC, and RoHS standards.
	Sunmi M3L Wireless Data Terminal User Manual and Technical Specifications Comprehensive user manual and technical specifications for the Sunmi M3L Wireless Data Terminal, covering product components, operation, safety warnings, regulatory compliance, and technical details.
	SUNMI N4Z6A: NFC, MSR & Scanner Modular Accessory - Features, Installation, Safety & Compliance Explore the SUNMI N4Z6A, a versatile three-in-one modular accessory combining NFC, Magnetic Stripe Reader (MSR), and Scanner capabilities. This guide covers product features, installation, essential safety warnings, disclaimers, hazardous substance information, warranty, and regulatory compliance (FCC, ISED, EU).

Documents - SUNMI – TF700



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SUNMI M2 MAX Smart Mobile Terminal A rugged tablet built to improve your store operations. Rugged Fe ... *Scanner Version: The scanner is non-removable. SUNMI M2 MAX Tech Specs Product Model Config 1: **TF700** Wi-Fi Ver. Config 2: TF701 4G Ver. OS SUNMI OS *based on Android 9.0 Processor Kryo-26...

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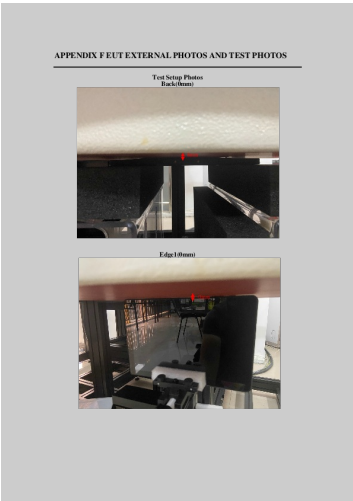
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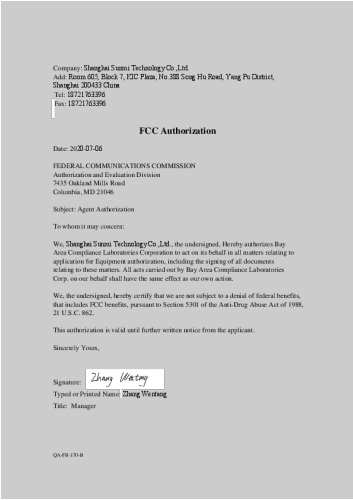


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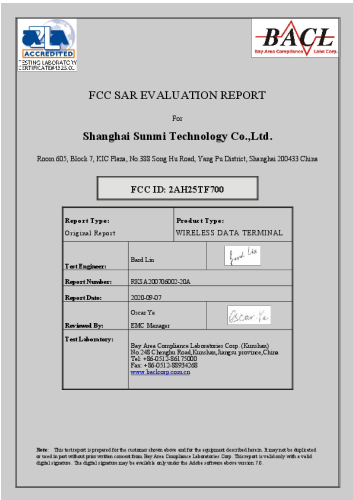


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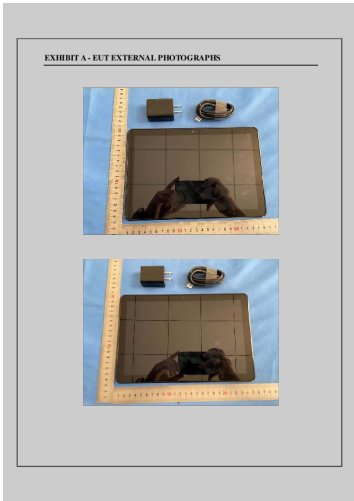


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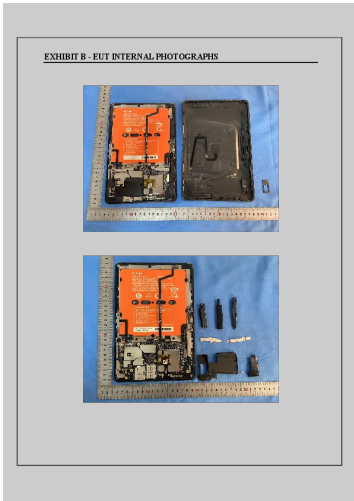


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FCC PART 15B	
TEST REPORT	
For	
Shanghai Sunmi Technology Co.,Ltd.	
Room 405, Block 7, JIEFAN, No. 385 Song Hu Road, Yang Pu District, Shanghai 200433 China	
FCC ID: 2AH25TF700	
Report Type:	Product Type:
Original Report	WIRELESS DATA TERMINAL
Test Engineer:	Test Date:
Jan Zhao	Test Date
Report Number:	
RKSA200706002-00A	
Report Date:	
2020-12-17	
Tested By:	
Chen Ya	
Signature:	
Signature	
Prepared By:	
Shanghai Compliance Laboratories Corp. (Shanghai)	
No. 348 Changshu Road, Fuzhou, Jiangsu province, China	
Tel: +86 (0)513 88517500	
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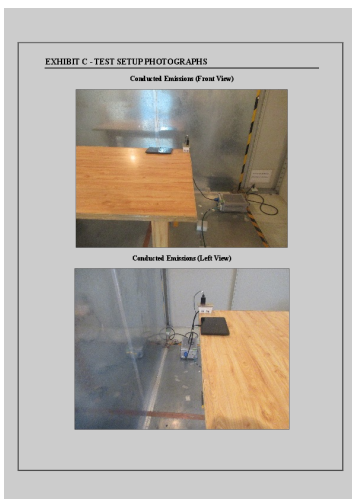


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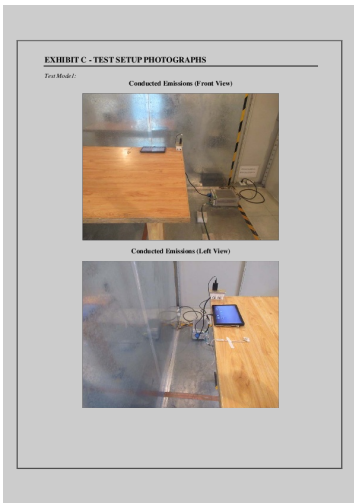


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TEST REPORT
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Room 601, Block 7, J2C Plaza, No.303 Song Hu Road, Yang Pu District, Shanghai 200433
China

FCC ID: 2AH25TF700

Report Type: Original Report	Product Type: WIRELESS DATA TERMINAL
Project Engineer: Chen Ting	Chen Ting
Report Number: RSCA200706002-00B	
Report Date: 2020-11-06	
Reviewed By: Chen Yu EBC Manager	Chen Yu
Prepared By: Buy Area Compliance Laboratory Group (Shanghai) No.348 Changshu Road, Kunshan, Jiangsu province, China Tel: +86-0512-88994368 Fax: +86-0512-88994368 www.bacl.com.cn	

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China

FCC ID: 2AH25TF700

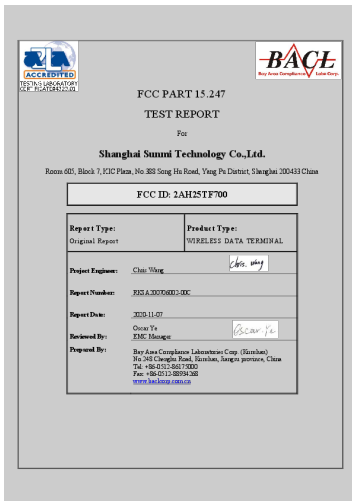
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Project Engineer: Chen Ting	Chen Ting
Report Number: RSCA200706002-00E	
Report Date: 2020-11-07	
Reviewed By: Chen Yu EBC Manager	Chen Yu
Prepared By: Buy Area Compliance Laboratory Group (Shanghai) No.348 Changshu Road, Kunshan, Jiangsu province, China Tel: +86-0512-88994368 Fax: +86-0512-88994368 www.bacl.com.cn	

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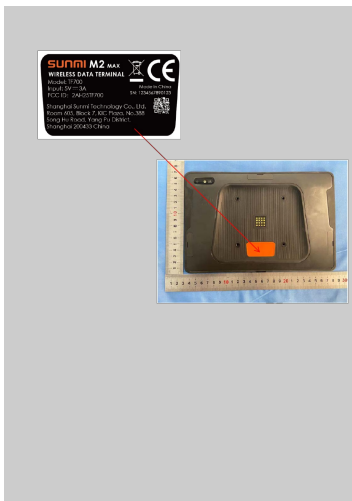


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