CMF BY NOTHING Phone 2 pro

CMF Phone 2 Pro User Manual

Model: Phone 2 pro | Brand: CMF BY NOTHING

1. Product Overview

The CMF Phone 2 Pro is a sophisticated Android smartphone designed for advanced mobile communication and multimedia experiences. It features a powerful MTK 7300 Pro processor, a versatile four-camera system with a 50 MP main sensor, and a vibrant 6.77-inch Flexible AMOLED Display. Equipped with a 5000mAh battery and 33W fast charging, it ensures extended usage and quick power replenishment. The device runs on Nothing OS 3, offering an intuitive and privacy-focused user experience.



Image: Front and back view of the CMF Phone 2 Pro, showcasing its sleek design and camera module.

2. Initial Setup

2.1 What's in the Box

- CMF Phone 2 Pro Handset
- 1 x 9V Battery (pre-installed or included for initial use)

2.2 Powering On and Off

To power on your CMF Phone 2 Pro, press and hold the Power button located on the side of the device until the CMF logo appears. To power off, press and hold the Power button, then select "Power off" from the options displayed on the screen.

2.3 Initial Configuration

Upon first power-on, follow the on-screen prompts to complete the initial setup. This includes selecting your language, connecting to a Wi-Fi network, setting up your Google account, and configuring security features like fingerprint or face unlock.

3. Operating Instructions

3.1 Nothing OS 3

The CMF Phone 2 Pro operates on Nothing OS 3, an intuitive and privacy-focused Android-based operating system. Explore the various features and customization options available through the Settings menu.

3.2 Key Features

- **NFC:** Supports Google Wallet and other NFC-enabled functionalities for contactless payments and data exchange.
- **Fingerprint Sensor:** An in-screen optical scanner provides secure and convenient unlocking.
- **Face Unlock:** Rapid face scanning for quick and secure access to your device.
- **Ultra Volume Speaker:** Enhanced audio output for a lively entertainment experience.
- **Linar Haptic Motor:** Provides more tactile vibration responses for notifications and interactions.

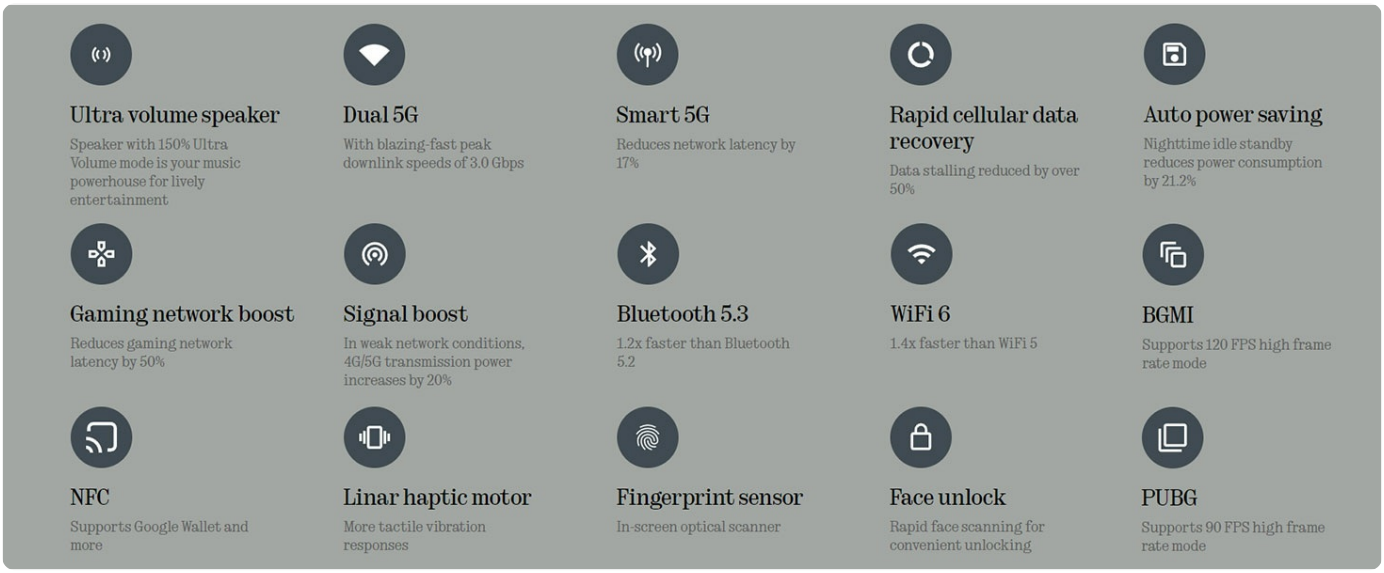


Image: Visual representation of key features including Ultra Volume Speaker, Dual 5G, Smart 5G, Rapid cellular data recovery, Auto power saving, Gaming network boost, Signal boost, Bluetooth 5.3, WiFi 6, BGMI support, NFC, Linar haptic motor, Fingerprint sensor, Face unlock, and PUBG support.

4. Camera System

The CMF Phone 2 Pro features an advanced four-camera system designed to capture high-quality photos and videos in various conditions. It includes a 50 MP main camera, a 50 MP telephoto camera, an 8 MP ultra-wide camera, and a 16 MP front camera.



Image: Overview of the four-camera system, highlighting the 50 MP Main Camera, 50 MP Telephoto Camera, 8 MP Ultra-wide Camera, and 16 MP Front Camera.

4.1 Camera Specifications

- **Main Camera:** 50 MP, 1/1.57" sensor, 24 mm focal length, Phase Detection Autofocus (PDAF).
- **Telephoto Camera:** 50 MP, 1/2.88" sensor, 50 mm focal length, 2x optical zoom, up to 20x digital zoom.
- **Ultra-wide Camera:** 8 MP, 1/4" sensor, 15 mm focal length, 119.5° field of view.
- **Front Camera:** 16 MP, 1/3" sensor, 22 mm focal length.



Image: Detailed breakdown of the camera specifications, including sensor sizes, focal lengths, and field of view for each lens.

4.2 TrueLens Engine 3

Leveraging advanced Ultra XDR algorithms with intelligent processing, Nothing's TrueLens Engine 3 delivers professional-grade light and shadow rendering for true-to-life captures, regardless of lighting conditions. This engine enhances portraits with 4 different focal lengths.



Image: The CMF Phone 2 Pro in a cityscape, illustrating the capabilities of TrueLens Engine 3 for realistic photo rendering.

5. Display Features

The CMF Phone 2 Pro features a 6.77-inch FHD+ Flexible AMOLED display, offering a stunning 1.07 billion colors, deep contrasts, and vibrant visuals. The display is designed for high responsiveness and clarity.

- **Size:** 6.77 inches
- **Resolution:** 1080 x 2392 pixels
- **Peak Brightness:** 3000 nits (for optimal visibility even in bright sunlight)
- **Adaptive Refresh Rate:** 120 Hz for smooth scrolling and fluid visuals.
- **Touch Sampling Rate:** Up to 240 Hz for highly responsive touch interactions.
- **Eye-care:** 2160Hz PWM Dimming for reduced eye strain.

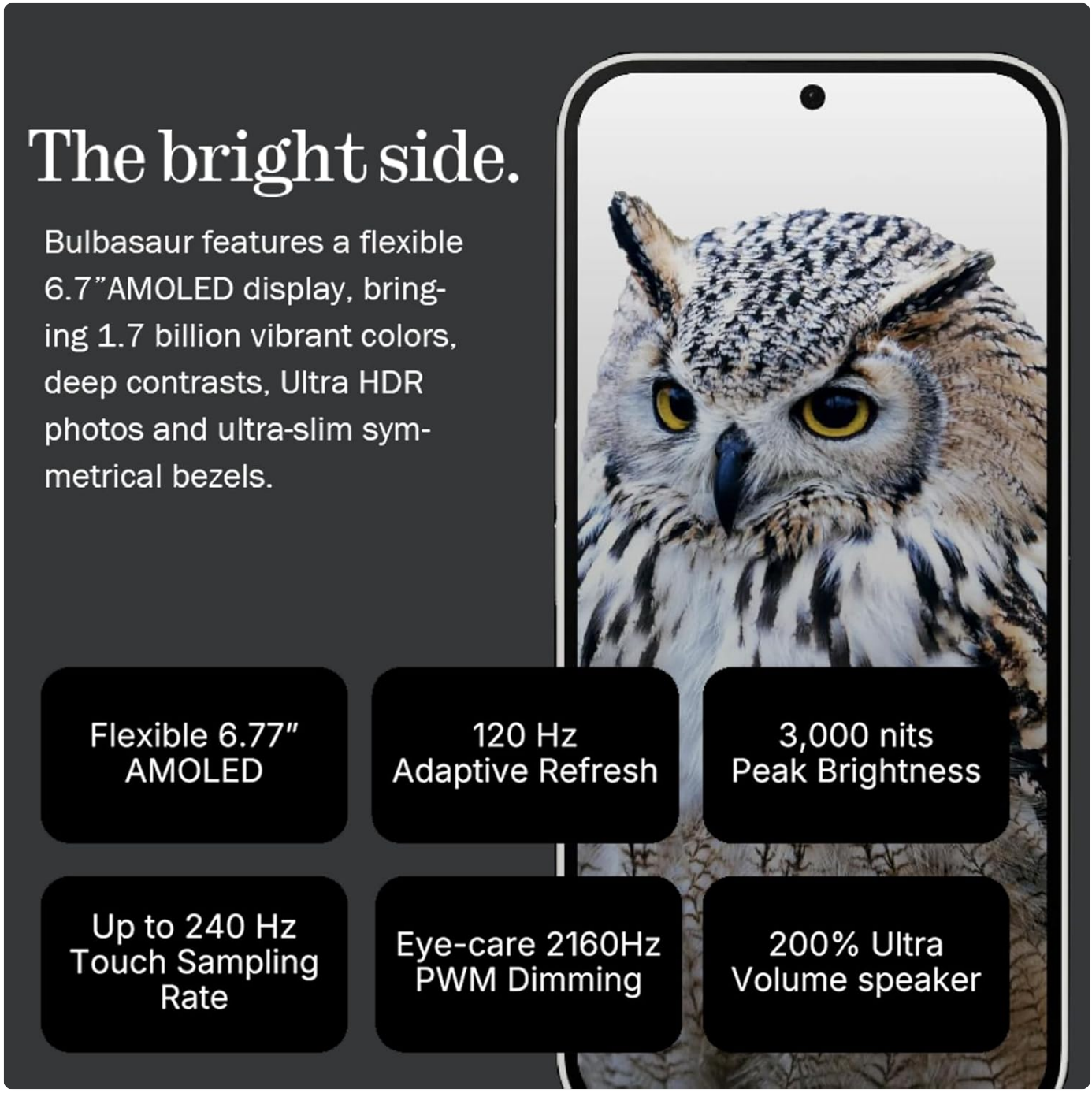


Image: The CMF Phone 2 Pro display showcasing vibrant colors with an owl image, detailing features such as Flexible 6.77" AMOLED, 120 Hz Adaptive Refresh, 3,000 nits Peak Brightness, Up to 240 Hz Touch Sampling Rate, and Eye-care 2160Hz PWM Dimming.

6. Battery and Charging

The CMF Phone 2 Pro is equipped with a large 5000mAh battery, providing extended usage time. It supports 33W fast charging, allowing for quick power replenishment.

- **Battery Capacity:** 5000 mAh
- **Fast Charging:** 33W
- **Charging Efficiency:** A full day's worth of power can be achieved in just 20 minutes of charging.
- **Battery Longevity:** The battery capacity is designed to stay above 90% after 1200 charging cycles, ensuring long-term performance.

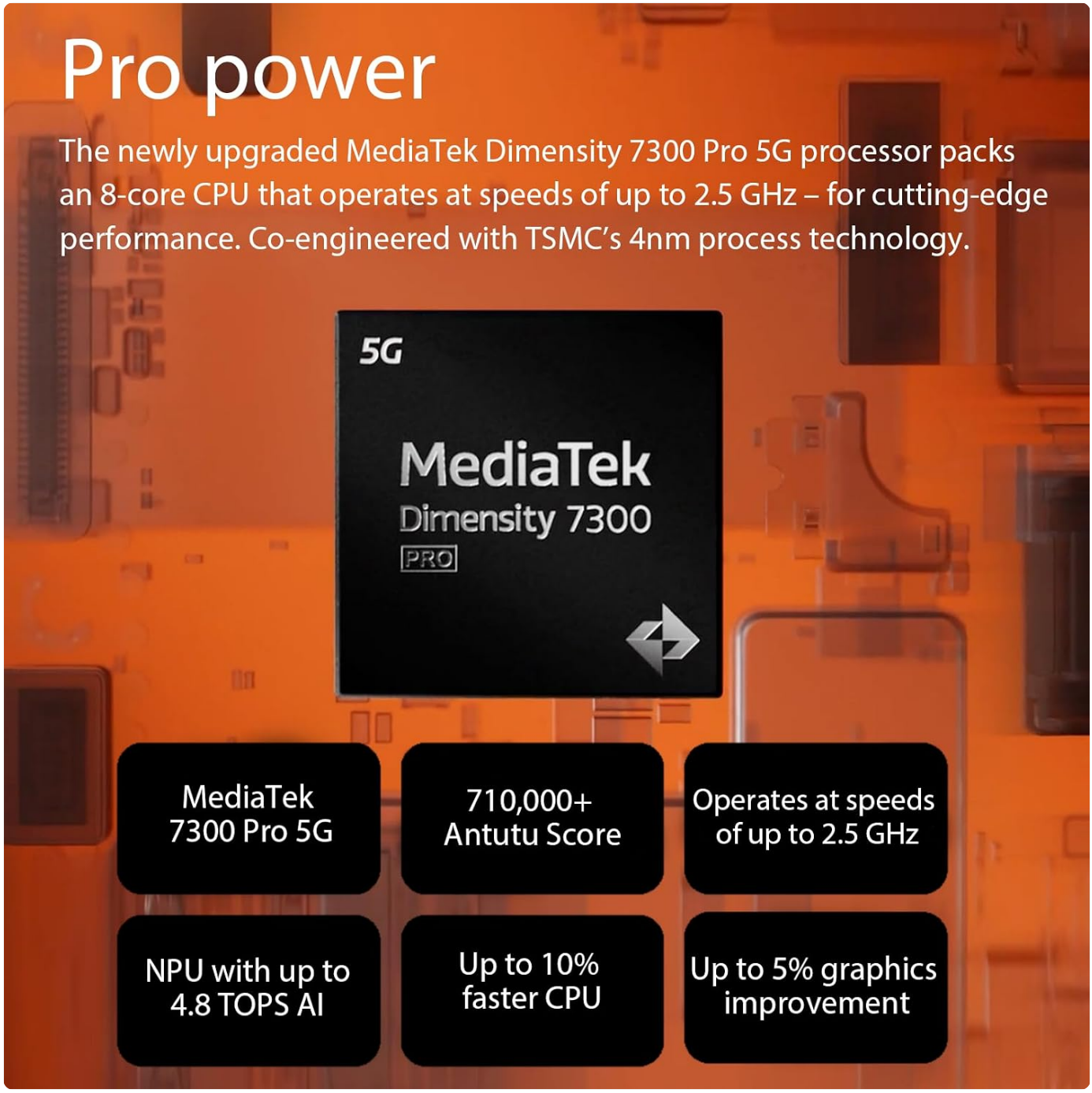


Image: A visual representation of the phone's charging capabilities, highlighting the 5000 mAh battery, 33W Fast Charge, and the ability to get a day's power in 20 minutes, with battery capacity staying above 90% after 1200 charging cycles.

7. Performance and Processor

The CMF Phone 2 Pro is powered by the newly upgraded MediaTek Dimensity 7300 Pro 5G processor, co-engineered with TSMC's 4nm process technology. This advanced chipset ensures cutting-edge performance for all your mobile needs.

- **Processor:** MediaTek Dimensity 7300 Pro 5G
- **CPU:** 8-core CPU, operating at speeds of up to 2.5 GHz.
- **Manufacturing Process:** TSMC's 4nm process technology.
- **Performance Boost:** Up to 10% faster CPU and up to 5% graphics improvement compared to previous generations.
- **AI Capabilities:** NPU with up to 4.8 TOPS AI.
- **Memory:** 8 GB RAM installed, 128 GB internal storage.



Image: The MediaTek Dimensity 7300 Pro 5G chip, illustrating its "Pro power" with an 8-core CPU operating at up to 2.5 GHz, and highlighting its 4nm process technology.

8. Design and Durability

The CMF Phone 2 Pro features a uniquely adaptable design that celebrates original craftsmanship. Its slim profile and lightweight construction ensure comfortable handling and portability.

- **Thickness:** 7.8 mm (thinnest Nothing smartphone ever)
- **Weight:** 185 grams (ultra-light)
- **Material:** Aluminium camera housing for durability and sophistication.

9. Connectivity and Carrier Support

The CMF Phone 2 Pro supports various connectivity options and is designed to work with multiple carriers, though specific band support varies.

9.1 Wireless Connectivity

- **Cellular Technology:** 5G (unlocked)
- **Bluetooth:** Bluetooth 5.3 (1.2x faster than Bluetooth 5.2)
- **Wi-Fi:** Wi-Fi 6 (1.4x faster than Wi-Fi 5)
- **GPS:** True
- **NFC:** Supported for contactless interactions.

9.2 US Carrier Compatibility

Please note the following regarding US carrier compatibility:

- **CDMA:** Not supported.
- **AT&T:** 5G network is not supported. 4G and 3G are supported. VoLTE and VoWifi will not work. LTE Bands: 4/5/66.
- **T-Mobile:** 3G, 4G, and 5G are supported; however, not all 5G bands are supported. LTE Bands: 4/5/41/66. 5G Bands: N41.
- **Verizon:** Compatibility is very limited. Verizon 5G and CDMA networks are not supported. 4G is supported. Prior to use, contact Verizon customer service to add the CMF Phone 2 Pro IMEI to their database. LTE Bands: 4/5/66.

10. Maintenance and Care

To ensure the longevity and optimal performance of your CMF Phone 2 Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Regularly check for and install system updates to ensure your device has the latest features, security patches, and performance improvements.
- **Storage Management:** Periodically clear unnecessary files and applications to maintain optimal storage space and device speed.
- **Environmental Conditions:** Avoid exposing the phone to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

11. Troubleshooting

If you encounter issues with your CMF Phone 2 Pro, try the following common troubleshooting steps:

- **Device Not Responding:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **App Crashes/Freezes:** Close the problematic app and reopen it. If the issue persists, clear the app's cache and data in Settings > Apps.
- **Battery Drain:** Check battery usage in Settings to identify apps consuming excessive power. Reduce screen brightness and disable unnecessary features like GPS or Bluetooth when not in use.
- **Connectivity Issues:** Toggle Wi-Fi or cellular data off and on. Restart your router for Wi-Fi issues. For carrier-specific issues, refer to the "US Carrier Compatibility" section or contact your carrier's support.
- **Slow Performance:** Free up storage space, close background apps, and restart the device.
- **Factory Reset:** As a last resort, if software issues persist, you may perform a factory reset.**Warning:** This will erase all data on your device. Back up important data before proceeding. Go to Settings > System > Reset options > Erase all data (factory reset).

12. Technical Specifications

Feature	Specification
Model Name	Phone 2 pro
Brand	CMF BY NOTHING
Operating System	Nothing OS
Screen Size	6.77 Inches
Resolution	1080 x 2392
Processor (CPU Speed)	2500 MHz (MediaTek Dimensity 7300 Pro 5G)
RAM Memory Installed Size	8 GB
Memory Storage Capacity	128 GB
Battery Capacity	5000 Milliamp Hours
Battery Power Rating	5000 Milliamp Hours
Item Weight	10.6 ounces
Color	Black
Connectivity Technologies	5G
Wireless Carrier	Unlocked
Audio Jack	No headphone jack
Manufacturer	CMF BY NOTHING
Date First Available	April 21, 2025

13. Warranty and Support

For information regarding warranty coverage, technical support, or service inquiries for your CMF Phone 2 Pro, please refer to the documentation provided with your purchase or visit the official CMF BY NOTHING support website. Keep your proof of purchase for warranty claims.

Manufacturer: CMF BY NOTHING

For further assistance, you may contact CMF BY NOTHING customer service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question