

OnePlus CPH2655

OnePlus 13 User Manual

Model: CPH2655 | Brand: OnePlus

INTRODUCTION

The OnePlus 13 is powered by the groundbreaking Snapdragon 8 Elite, with up to 16GB of RAM, delivering lightning-fast speeds and seamless performance. Enjoy a smooth, immersive experience on the 120Hz Super Fluid AMOLED display with Dynamic Refresh Rate. Capture stunning photos and videos with the 5th Generation Hasselblad Camera System. 50W AIRVOOC wireless charging ensures you stay powered up with North America's fastest charging speed. Powered by OxygenOS 15, enjoy a smarter, more intuitive smartphone experience.



Figure 1: OnePlus 13 in Arctic Dawn. This image showcases the sleek design and the prominent circular camera module on the back.

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Video 1: Official short video showcasing the OnePlus 13's design and key features.

SETUP

What's in the Box

Your OnePlus 13 package includes the following items:

- Handset
- Charger
- USB data cable

- SIM ejector tool
- Quick Guide
- Safety Guide
- Membership card
- Brand sticker
- Welcome Letter

Initial Power On

To power on your OnePlus 13 for the first time, press and hold the Power button located on the right side of the device until the OnePlus logo appears. Follow the on-screen prompts to complete the initial setup process.

SIM Card Installation

The OnePlus 13 supports Dual SIM functionality. To install your SIM cards:

1. Locate the SIM card tray on the bottom edge of the phone.
2. Insert the SIM ejector tool into the small hole next to the tray and push gently until the tray pops out.
3. Place your Nano-SIM cards into the designated slots on the tray, ensuring the gold contacts face downwards.
4. Carefully reinsert the SIM tray back into the phone until it clicks into place.

Initial Configuration

Upon first boot, you will be guided through essential configuration steps:

- Select your preferred language.
- Connect to a Wi-Fi network for internet access.
- Sign in with your Google account or create a new one.
- Set up your screen lock method (PIN, pattern, password, or fingerprint).
- Review and accept the terms and conditions.

Key Features

Design and Durability

The OnePlus 13 features a refined design with a choice of finishes, including a vegan leather back for the Midnight Ocean, Arctic Dawn, and Black Eclipse variants. The phone boasts a flat display complemented by quad-curved glass edges, offering a premium feel without compromising usability. It is built to withstand the elements with an IP68 water and dust resistance rating, protecting it from immersion up to 1.5 meters for 30 minutes. Additionally, it carries an IP69 certification, ensuring protection against high-pressure, high-temperature water jets.

5th Gen Hasselblad Camera System: Capture every moment in breathtaking detail with the advanced triple-camera setup featuring a all round 50MP lens for stunning photos and videos, day or night.

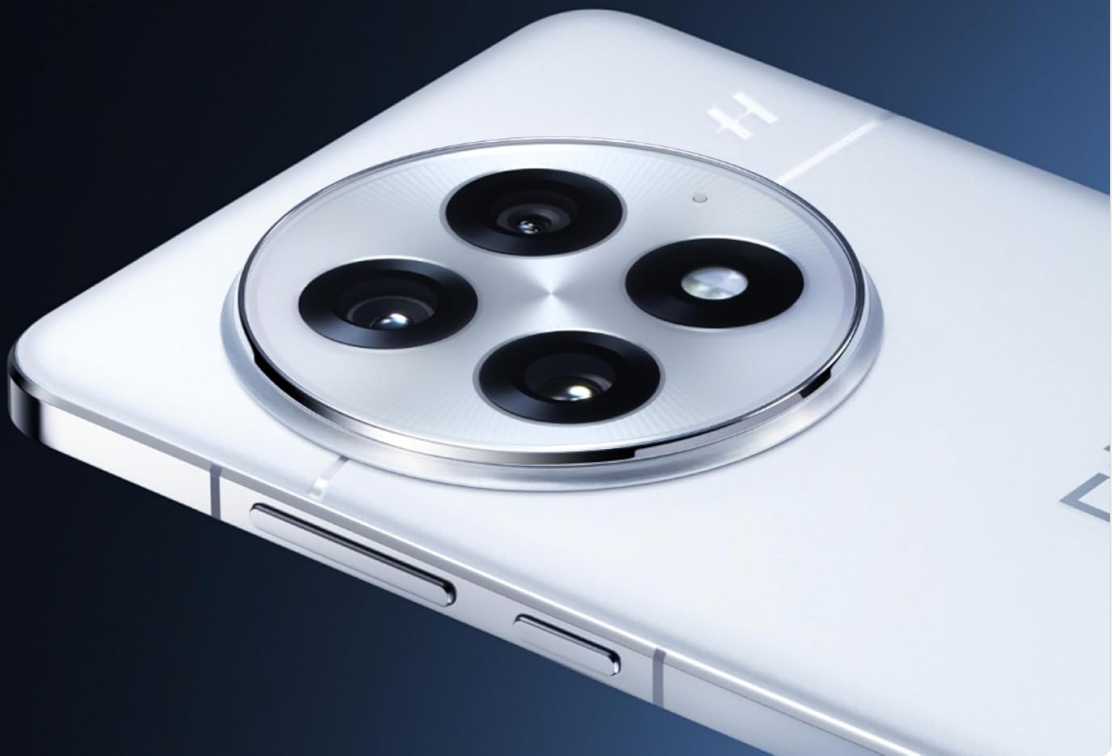


Figure 2: Close-up of the OnePlus 13's circular camera module and textured back panel.

Built-In Ultrasonic Fingerprint Sensor: Unlock your phone securely and effortlessly with the advanced ultrasonic fingerprint sensor for quick access to your device.

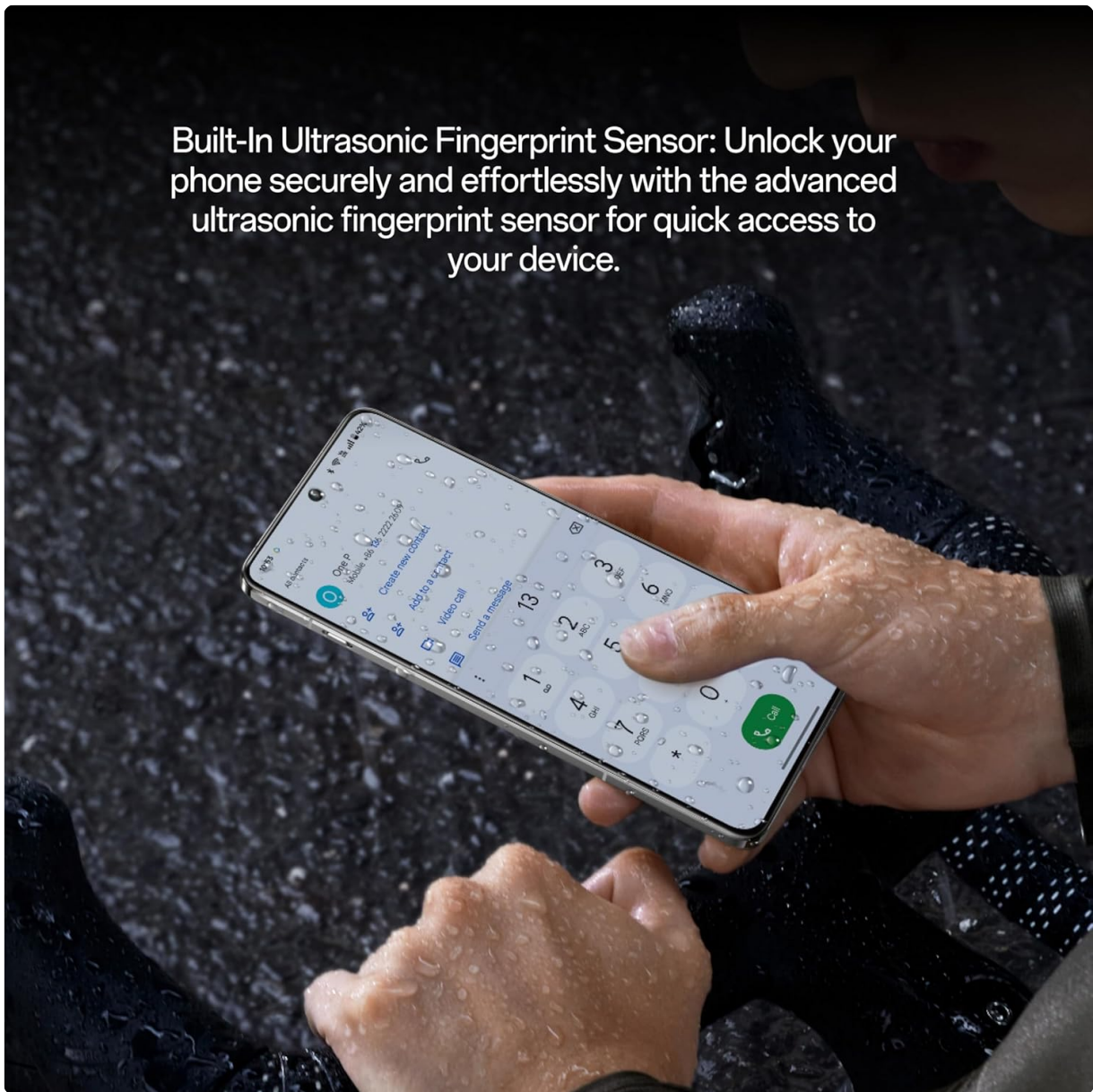


Figure 3: The built-in ultrasonic fingerprint sensor allows for secure and effortless unlocking.

IP69 Water and Dust Resistance: The OnePlus 13 is built to withstand the elements with an IP69 rating, offering superior protection against dust, dirt, and water. Whether you're caught in the rain or working in harsh environments, your device remains safe and fully functional.



Figure 4: The OnePlus 13 is built to withstand the elements with an IP69 rating.

Display

Experience vibrant colors and ultra-smooth visuals on the OnePlus 13's 6.82-inch LTPO AMOLED display. It features a QHD+ resolution of 3168x1440 pixels and a dynamic refresh rate that adjusts from 1Hz to 120Hz, optimizing power consumption while providing fluid scrolling and gaming. With a peak brightness of 4500 nits, the display remains easily visible even in bright sunlight. Innovative features like Aqua Touch 2.0 allow for precise screen interaction even when wet, and a dedicated Glove Mode enhances usability with gloves up to 0.5 cm thick.

Lightning-Fast Snapdragon 8 Elite Processor:
Powered by the latest Qualcomm Snapdragon 8 Elite chipset, enjoy exceptional speed, efficiency, and performance for gaming, multitasking, and productivity.



Figure 5: The stunning 120Hz ProXDR display offers vibrant colors and ultra-smooth visuals.

Performance

The OnePlus 13 is powered by the latest Qualcomm Snapdragon 8 Elite chipset, ensuring lightning-fast speeds, exceptional efficiency, and robust performance for all your gaming, multitasking, and productivity needs. Coupled with either 12GB or 16GB of RAM, the device handles demanding applications and seamless transitions with ease. OnePlus has optimized the hardware for longevity, ensuring the phone maintains its high performance for years to come.

Stunning 120Hz ProXDR Display: Experience vibrant colors and ultra-smooth visuals on a QHD+ ProXDR display with a 120Hz refresh rate, perfect for gaming, streaming, and everyday use.



Figure 6: The lightning-fast Snapdragon 8 Elite processor powers the OnePlus 13.

Camera System

Capture every moment in breathtaking detail with the 5th Generation Hasselblad Camera System. The rear setup includes a 50MP main lens with optical image stabilization (OIS), a 50MP ultrawide lens with a 120-degree field of view, and a 50MP telephoto lens offering 3x optical zoom. The telephoto lens incorporates OnePlus's new Tri-Prism technology, making the module 24% smaller and 30% lighter than traditional periscope lenses. For stunning selfies and clear video calls, the front-facing camera is 32MP. AI-powered tools like unblur and reflection removal can be applied to photos post-capture, enhancing clarity and detail.

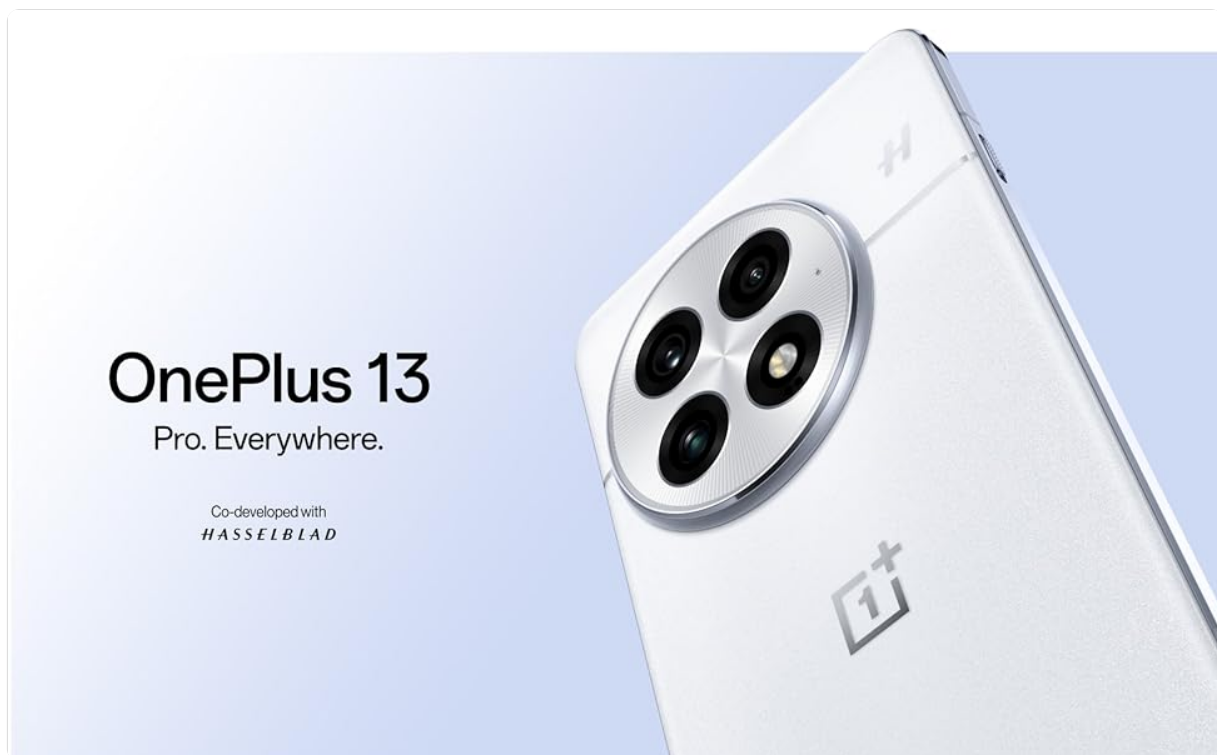


Figure 7: The Advanced Hasselblad Camera System co-developed with Hasselblad.

Battery and Charging

The OnePlus 13 is equipped with a massive 6000mAh silicon nano-stack battery, designed to provide ample power for a full day of heavy use. When it's time to recharge, the device supports incredibly fast charging speeds: 80W wired SUPERVOOC charging and 50W wireless AIRVOOC charging. This ensures minimal downtime, getting you back up and running quickly.

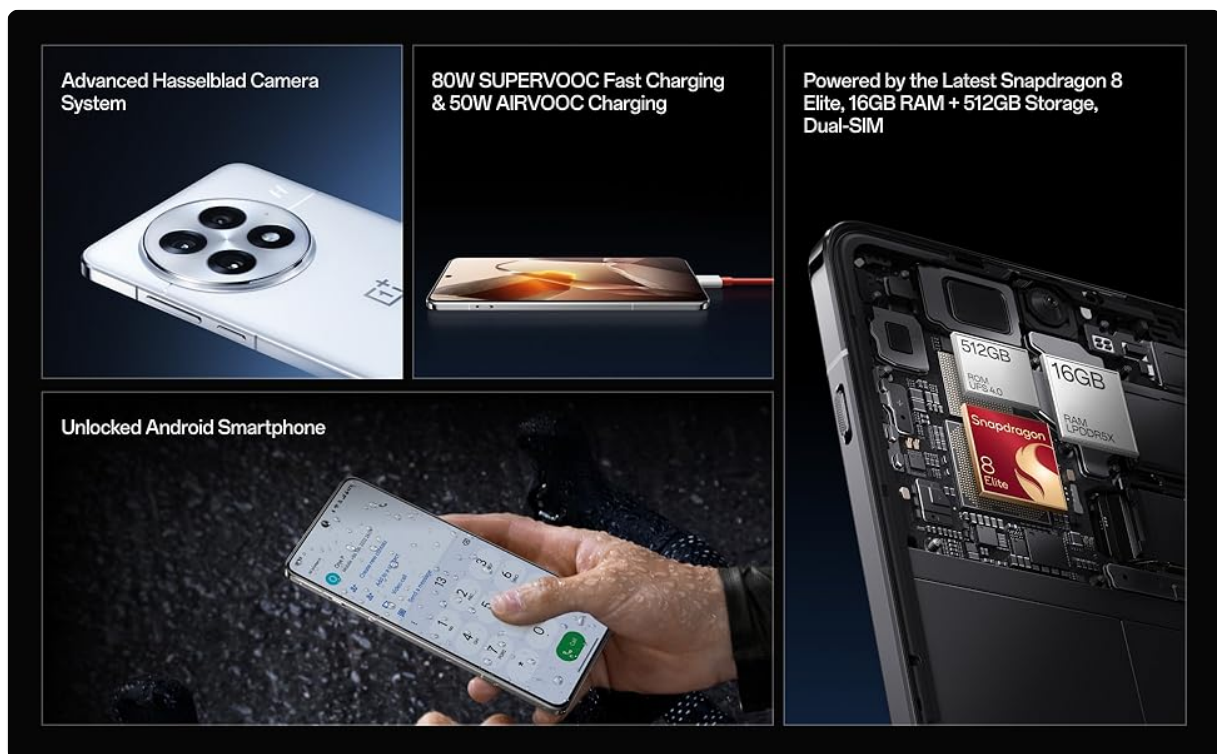


Figure 8: Massive 6000mAh battery with 80W SUPERVOOC fast charging.

OPERATING INSTRUCTIONS

OxygenOS 15

The OnePlus 13 runs on OxygenOS 15, based on Android 15, offering a clean, smooth, and intuitive user experience. The interface is designed for efficiency and personalization, with features like Intelligent Search for quick file and app location, and AI Notes for smart content management. It also integrates new Android 15 functionalities such as Circle to Search and Gemini Live, enhancing productivity and interaction.

Basic Navigation

Navigate your device using intuitive gestures or the traditional navigation bar. Swipe up from the bottom to go home, swipe up and hold for recent apps, and swipe from the left or right edge to go back. Alternatively, enable the three-button navigation bar in Settings for familiar controls.

Customization

Personalize your OnePlus 13 to match your style. Long-press on the home screen to access wallpaper, widget, and theme options. Explore the extensive customization settings in OxygenOS 15 to tailor icons, fonts, and system animations.

MAINTENANCE

Software Updates

To ensure optimal performance and security, regularly check for and install software updates. Go to **Settings > About device > OxygenOS** and tap on **Check for updates**. Download and install any available updates as prompted.

Cleaning the Device

Use a soft, lint-free cloth to clean the screen and body of your OnePlus 13. For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid using harsh chemicals or abrasive materials that could damage the device's finish.

Battery Care

To extend the lifespan of your battery, avoid extreme temperatures. Do not fully discharge the battery frequently, and try to keep the charge level between 20% and 80% for daily use. Use the official OnePlus charger and cable for optimal charging performance.

TROUBLESHOOTING

Common Issues

- **Phone not turning on:** Ensure the battery is charged. Connect the phone to its charger and wait a few minutes before attempting to power it on again.
- **App crashing or freezing:** Close the problematic app from recent apps and reopen it. If the issue persists, clear the app's cache and data in **Settings > Apps > [App Name] > Storage usage**.
- **Wi-Fi connectivity issues:** Try restarting your Wi-Fi router and your phone. Forget the Wi-Fi network on your phone and reconnect. Ensure your phone's software is up to date.
- **Slow performance:** Close unnecessary background apps. Clear cached data regularly. Consider performing a factory reset if performance issues persist after other troubleshooting steps.

Factory Reset

Warning: A factory reset will erase all data on your phone, including apps, photos, and settings. Back up important data before proceeding.

To perform a factory reset:

1. Go to **Settings > System settings > Backup & reset**.
2. Tap on **Reset phone**.
3. Select **Erase all data**.
4. Confirm your choice and enter your screen lock password if prompted.
5. The phone will restart and begin the reset process.

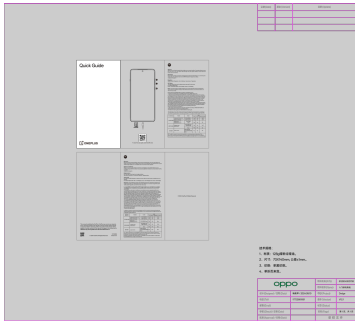
SPECIFICATIONS

Feature	Detail
Model Name	OnePlus 13
Item Model Number	CPH2655
Brand	OnePlus
Operating System	Android 15
CPU Model	Snapdragon 8 Elite
RAM Memory Installed Size	16 GB
Memory Storage Capacity	512 GB
Standing Screen Display Size	6.82 Inches
Resolution	2K DCI 1080p (QHD+)
Refresh Rate	120 Hz
Battery Power Rating	6000 mAh
Special Features	Dual SIM, Wireless Charging, Ultrasonic Fingerprint Sensor
Product Dimensions	6.41 x 3.01 x 0.33 inches
Item Weight	7.5 ounces
Color	Arctic Dawn

WARRANTY AND SUPPORT

The OnePlus 13 comes with a standard manufacturer's warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the Safety Guide included in your product packaging or visit the official OnePlus website.

For technical assistance, troubleshooting, or any product-related inquiries, please contact OnePlus Customer Support through their official channels. You can find more information and support resources on the [OnePlus Store on Amazon](#).



[OnePlus CPH2655 Quick Start Guide: Specifications, SAR, and HAC Information](#)

Official quick start guide for the OnePlus CPH2655 smartphone, detailing technical specifications, SAR values, and hearing aid compatibility (HAC) regulations.

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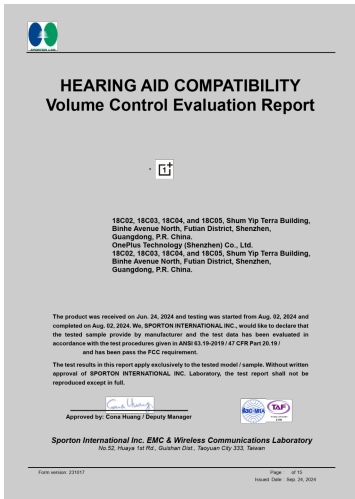


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Mike Kuo 2ABZ2 OP23895 cvrltr Attestation HAC Waiver Letter OnePlus Technology Shenzhen Co Ltd 2ABZ2OP23895 op23895

OnePlus Technology Shenzhen Co., Ltd. Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046 Subject: Attestation to FCC HAC Waiver DA 23-914 FCC ID: 2ABZ2-OP23895, Model No: **CPH2655** Date: September 12, 2024 To Whom It May Concern, We are certifying the HAC Compliance...

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2ABZ2 OP23895 HAC Volume Control WLAN6GHz r1 OnePlus Technology Shenzhen Co Ltd 2ABZ2OP23895 op23895

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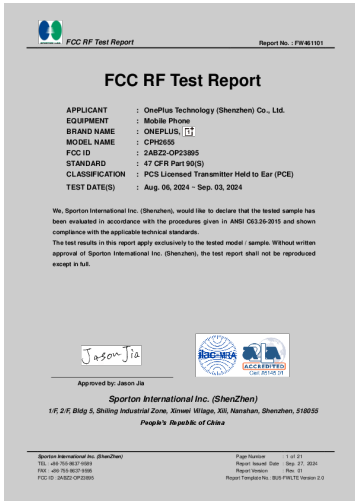
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[OnePlus CPH2655 FCC RF Exposure Report: SAR Characterization](#)

This FCC RF Exposure Report details the SAR (Specific Absorption Rate) characterization for the OnePlus CPH2655 mobile phone. It includes technical specifications, test procedures, and data related to Qualcomm Smart Transmit technology, ensuring compliance with RF exposure limits.

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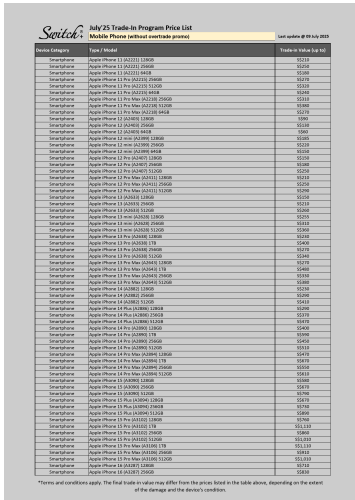


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FCC RF Test Report WBU Documentation Depr 2ABZ2 OP23895 TestRpt PCE LTE 90S B26 OnePlus Technology Shenzhen Co Ltd 2ABZ2OP23895 op23895

FCC RF Test Report Report No. : FW461101 FCC RF Test Report APPLICANT EQUIPMENT BRAND NAME MODEL NAME FCC ID STANDARD CLASSIFICATION TEST DATE S : OnePlus Technology Shenzhen Co., Ltd. : Mobile Phone : ONEPLUS, : **CPH2655** : 2ABZ2-OP23895 : 47 CFR Part 90 S : PCS Licensed Transmitter Held to E...

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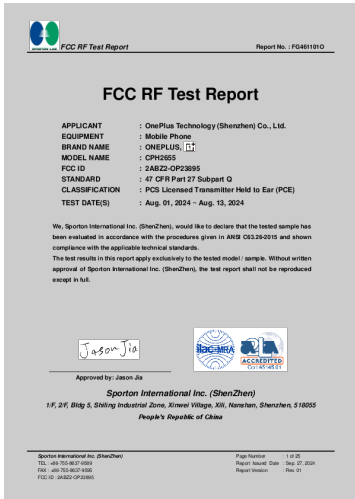


[pdf] Price List

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July 25 Trade-In Program Price List Mobile Phone without overtrade promo Last update 09 July 20 ... Plus 11 5G CPH2449 256GB OnePlus 12 5G CPH2581 512GB OnePlus 12R 5G CPH2609 256GB OnePlus 13 **CPH2655** 1TB OnePlus 13 **CPH2655** 256GB OnePlus 13 **CPH2655** 512GB OnePlus 13R CPH2645 256GB OnePl...


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OnePlus CPH2655 FCC RF Test Report

This FCC RF test report details the compliance testing for the OnePlus CPH2655 mobile phone, conducted by Sporton International Inc. (ShenZhen) according to FCC standards for 5G NR bands.

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FCC RF Test Report

Report No. : FG461101N


FCC RF Test Report

APPLICANT
EQUIPMENT
BRAND NAME
MODEL NAME
FCC ID
STANDARD
CLASSIFICATION
TEST DATE(S)


: OnePlus Technology (Shenzhen) Co., Ltd.
: Mobile Phone
: ONEPLUS, 
: CPH2655
: 2ABZ2-OP23895
: 47 CFR Part 27 Subpart O (3700-3980MHz)
: PCS Licensed Transmitter Held to Ear (PCE)
: Aug. 01, 2024 - Aug. 14, 2024

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C33.19-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.



Approved by: Jason Xu



ACCEPTED
CO-147-0517

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People's Republic of China

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FCC ID: 2ABZ2-OP23895

Page Number: 1 of 25
Report issued Date: Aug. 27, 2024
Report Version: Rev. 01
Report Template No.: SIO-015A10 Version 2.0

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FCC RF Test Report WBU Documentation Depr 2ABZ2 OP23895 TestRpt PCE 5G 270 n77 78 Part1 2


OnePlus Technology Shenzhen Co Ltd 2ABZ2OP23895 op23895

FCC RF Test Report Report No. : FG461101N FCC RF Test Report APPLICANT
EQUIPMENT BRAND NAME MODEL NAME FCC ID STANDARD CLASSIFICATION

TEST DATE S : OnePlus Technology Shenzhen Co., Ltd. : Mobile Phone :

ONEPLUS, : **CPH2655** : 2ABZ2-OP23895 : 47 CFR Part 27 Subpart O 3700-
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
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APPLICANT
EQUIPMENT
BRAND NAME
MODEL NAME
FCC ID
STANDARD
CLASSIFICATION
TEST DATE(S)


: OnePlus Technology (Shenzhen) Co., Ltd.
: Mobile Phone
: ONEPLUS, 
: CPH2655
: 2ABZ2-OP23895
: 47 CFR Part 27M
: PCS Licensed Transmitter Held to Ear (PCE)
: Aug. 01, 2024 - Aug. 21, 2024

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C33.19-2015 and shown compliance with the applicable technical standards.

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FCC ID: 2ABZ2-OP23895

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FCC RF Test Report WBU Documentation Depr 2ABZ2 OP23895 TestRpt PCE LTE B7 7C 38 38C 41

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FCC RF Test Report Report No. : FG461101D FCC RF Test Report APPLICANT
EQUIPMENT BRAND NAME MODEL NAME FCC ID STANDARD CLASSIFICATION

TEST DATE S : OnePlus Technology Shenzhen Co., Ltd. : Mobile Phone :

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
FCC RF Test Report

APPLICANT
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: OnePlus Technology (Shenzhen) Co., Ltd.
: Mobile Phone
: ONEPLUS, 
: CPH2655
: 2ABZ2-OP23895
: 47 CFR Part 24(E), 27(L)
: PCS Licensed Transmitter Held to Ear (PCE)
: Aug. 01, 2024 - Aug. 22, 2024

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FCC ID: 2ABZ2-OP23895

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Report issued Date: Aug. 27, 2024
Report Version: Rev. 01
Report Template No.: SIO-015A10 Version 2.0

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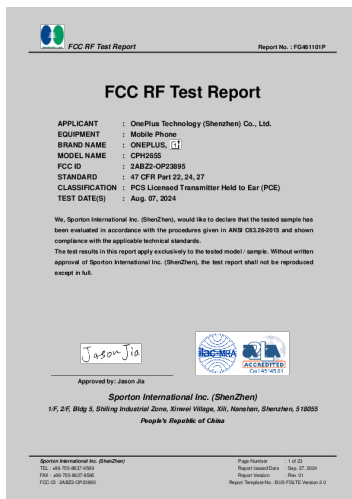
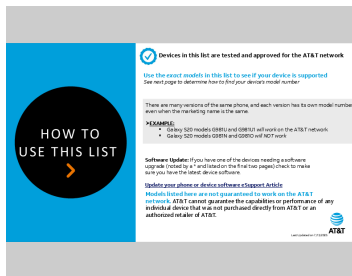
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EQUIPMENT BRAND NAME MODEL NAME FCC ID STANDARD CLASSIFICATION

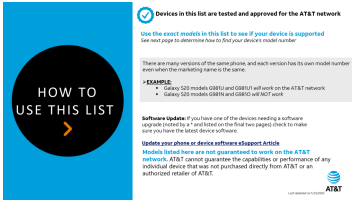
TEST DATE S : OnePlus Technology Shenzhen Co., Ltd. : Mobile Phone :

ONEPLUS, : **CPH2655** : 2ABZ2-OP23895 : 47 CFR Part 24 E , 27 L : PCS Licensed
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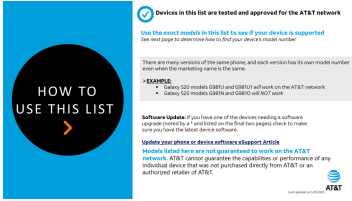


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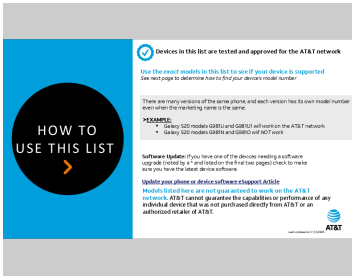
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AT&T Approved Devices List: Phones, Tablets, and Smartwatches

A comprehensive guide to devices tested and approved for the AT&T network, including instructions on how to find your device's model number and lists of compatible phones, tablets, smartwatches, and wireless devices.
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