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> [iQOO Neo 7 Pro 5G Smartphone User Manual](#)

iQOO I2217

iQOO Neo 7 Pro 5G Smartphone User Manual

Model: I2217

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your iQOO Neo 7 Pro 5G smartphone. Please read this manual carefully to ensure proper use and to maximize the device's capabilities. The iQOO Neo 7 Pro 5G is a high-performance smartphone featuring a Snapdragon 8+ Gen 1 Mobile Processor, a 50MP GN5 OIS Camera, a 6.78-inch 120 Hz AMOLED display, and 120W FlashCharge technology.



Figure 1.1: iQOO Neo 7 Pro 5G Smartphone Overview

2. WHAT'S IN THE BOX

Upon unboxing your iQOO Neo 7 Pro 5G, you should find the following items:

- Cell Phone
- Eject tool
- Phone Case
- Power Adapter (120W FlashCharge)
- USB Cable
- Quick Start Guide
- Warranty Card

3. DESIGN AND BUILD

The iQOO Neo 7 Pro 5G features a sleek and ergonomic design, offering a premium feel in hand. It is available in attractive color variants, including the Fearless Flame with a premium leather design and Dark Storm with an AG Glass design.

FLAGSHIP

50MP OIS

Camera



Portrait Mode



Super Night Mode



Ultra Wide Angle



Macro Mode



High Pixel Mode



Figure 3.1: Rear view of the iQOO Neo 7 Pro 5G in Fearless Flame (Leather Design)



Figure 3.2: Side view highlighting the phone's slim profile

4. PERFORMANCE

4.1 Processor

The device is powered by the 4nm Snapdragon 8+ Gen 1 Mobile Platform, known for its power efficiency and high-performance capabilities. This processor ensures smooth operation for multitasking, heavy application usage, and graphic-intensive games.



Figure 4.1: Snapdragon 8+ Gen 1 Mobile Platform

4.2 Independent Gaming Chip

Enhance your gaming experience with the dedicated Independent Gaming Chip. This chip boosts frame rates up to 120 FPS through Game Frame Interpolation, sharpens display visuals with Game Display Enhancement, and contributes to reduced power consumption during gaming sessions.



Figure 4.2: Independent Gaming Chip for enhanced performance

4.3 RAM and Storage

The iQOO Neo 7 Pro 5G is available in 8GB and 12GB RAM variants. It features Extended RAM 3.0, allowing you to increase the RAM capability by up to an additional 8GB for seamless multitasking and app management.

5. CAMERA SYSTEM

Capture stunning photos and videos with the iQOO Neo 7 Pro 5G's advanced camera system.

5.1 Rear Camera

- **Main Camera:** 50MP GN5 OIS Ultra-Sensing camera for high-quality images with optical image stabilization, ensuring clarity even in low-light conditions.
- **Ultra-Wide Lens:** 8MP for capturing broader scenes.
- **Macro Lens:** 2MP for detailed close-up shots.

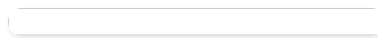


Figure 5.1: Rear Camera Module with 50MP GN5 OIS

5.2 Front Camera

- **Front Camera:** 16MP for clear selfies and video calls.

6. BATTERY AND CHARGING

The iQOO Neo 7 Pro 5G is equipped with a long-lasting 5000 mAh battery, providing extended usage. It supports 120W FlashCharge, allowing for rapid charging. Under test conditions, the device can charge from 1% to 50% in approximately 8 minutes.



Figure 6.1: 120W FlashCharge and 5000mAh Battery

The phone also features smart charging technology that optimizes charging speed based on your usage patterns, contributing to extended battery health.

7. DISPLAY

Experience vibrant visuals on the 6.78-inch 10-bit AMOLED display. With a 120Hz refresh rate and 1300 nits peak brightness, the display offers immersive content viewing, smooth gaming, and clear visibility even under direct sunlight.

Independent Gaming Chip

Boost upto

120 FPS

with Game Frame
Interpolation

14.2%

Reduced Power
Consumption



*All data and parameters are based on our laboratory test results in standard test environments. Actual performance may vary depending on individual product differences, user habits, and environmental factors. * The actual games that support this feature shall prevail.

Figure 7.1: iQOO Neo 7 Pro 5G Display

8. SOFTWARE

The iQOO Neo 7 Pro 5G runs on Funtouch OS 13, which is based on Android 13. iQOO provides 2 years of Android updates and 3 years of security patch updates, ensuring your device remains current and secure.

9. SPECIFICATIONS

Feature	Detail
OS	Funtouch OS 13 Based On Android 13
RAM	8 GB (with Extended RAM 3.0 for up to 8GB additional RAM)
Product Dimensions	16.5 x 7.7 x 0.9 cm
Item Weight	195 g
Batteries	1 Lithium Ion batteries required. (included)

Feature	Detail
Item model number	I2217
Connectivity technologies	Bluetooth, USB, Wi-Fi, Cellular (5G)
Special features	Camera, Fast Charging Support, Independent Gaming Chip
Display technology	AMOLED
Resolution	2400 x 1080
Rear Camera	50MP GN5 OIS + 8MP UW + 2MP (Macro)
Front Camera	16MP
Audio Jack	3.5 mm
Colour	Orange (Fearless Flame)
Battery Power Rating	5000 mAh
CPU Model	Snapdragon 8+ Gen 1
CPU Speed	3 GHz

10. PRODUCT OVERVIEW VIDEO

Watch this official product overview video for a visual guide to the iQOO Neo 7 Pro 5G's key features and design.

Your browser does not support the video tag.

Video 10.1: iQOO Neo 7 Pro 5G Product Overview

This video provides a detailed look at the phone's design, performance capabilities, camera features, and charging speed. It highlights the Snapdragon 8+ Gen 1 processor, Independent Gaming Chip, 50MP OIS camera, and 120W FlashCharge.

11. SAFETY INFORMATION

For your safety and to prevent damage to your device, please observe the following:

- Use only iQOO-approved chargers and accessories.
- Avoid exposing the device to extreme temperatures, direct sunlight, or liquids.
- Do not attempt to disassemble or repair the device yourself. Refer to authorized service centers.
- Keep the device away from medical devices to avoid interference.
- Dispose of the device and its battery responsibly according to local regulations.

12. WARRANTY AND SUPPORT

Your iQOO Neo 7 Pro 5G comes with a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions. For technical support, service, or warranty claims, please contact iQOO customer service or visit an authorized service center. Keep your proof of purchase for warranty validation.

