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› Black Shark 5 Pro Gaming Phone User Manual

Black Shark Black Shark 5 Pro

Black Shark 5 Pro Gaming Phone User Manual

Model: Black Shark 5 Pro

Brand: Black Shark

1. INTRODUCTION

This manual provides detailed instructions for the Black Shark 5 Pro Gaming Phone. It covers essential information regarding the device's features, setup, operation, maintenance, and troubleshooting. Please read this manual thoroughly to ensure proper use and optimal performance of your device.



Image 1.1: The Black Shark 5 Pro Gaming Phone, showcasing its display with an astronaut graphic and the sleek design of the device's rear.



Image 1.2: An overview graphic highlighting the Black Shark 5 Pro's core features, such as the Snapdragon 8 Gen 1 processor, 120W Hyper Charge, 144Hz OLED display, and 108MP triple camera system.

2. WHAT'S IN THE BOX

Upon unboxing your Black Shark 5 Pro, please verify that all the following items are included:

- Black Shark 5 Pro Smartphone
- Power Adapter
- USB Cable
- SIM Tray Ejector
- Phone Case

3. SETUP

3.1. Inserting the SIM Card

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and press firmly until the tray pops out.
3. Place your Nano-SIM card(s) into the designated slots on the tray, ensuring the gold contacts face downwards.
4. Carefully reinsert the SIM tray into the phone until it clicks into place.

3.2. Initial Power On and Configuration

1. Press and hold the Power button until the Black Shark logo appears.
2. Follow the on-screen prompts to select your language, region, and connect to a Wi-Fi network.
3. Sign in with your Google account or create a new one to access Android services and the Google Play Store.
4. Complete the setup by configuring security settings, such as fingerprint unlock or facial recognition, and restoring data if applicable.

4. OPERATING INSTRUCTIONS

4.1. Performance (Snapdragon 8 Gen 1)

The Black Shark 5 Pro is powered by the Snapdragon 8 Gen 1 processor, featuring an upgraded CPU and GPU built on a 4nm process. This architecture delivers enhanced performance for demanding applications and gaming, ensuring a smooth and responsive user experience.

120W HYPER CHARGE

Charge your phone to 100% within 15mins in Ultimate Mode,
or take 24mins in Even Mode to balance
heat dissipation and charging speed.

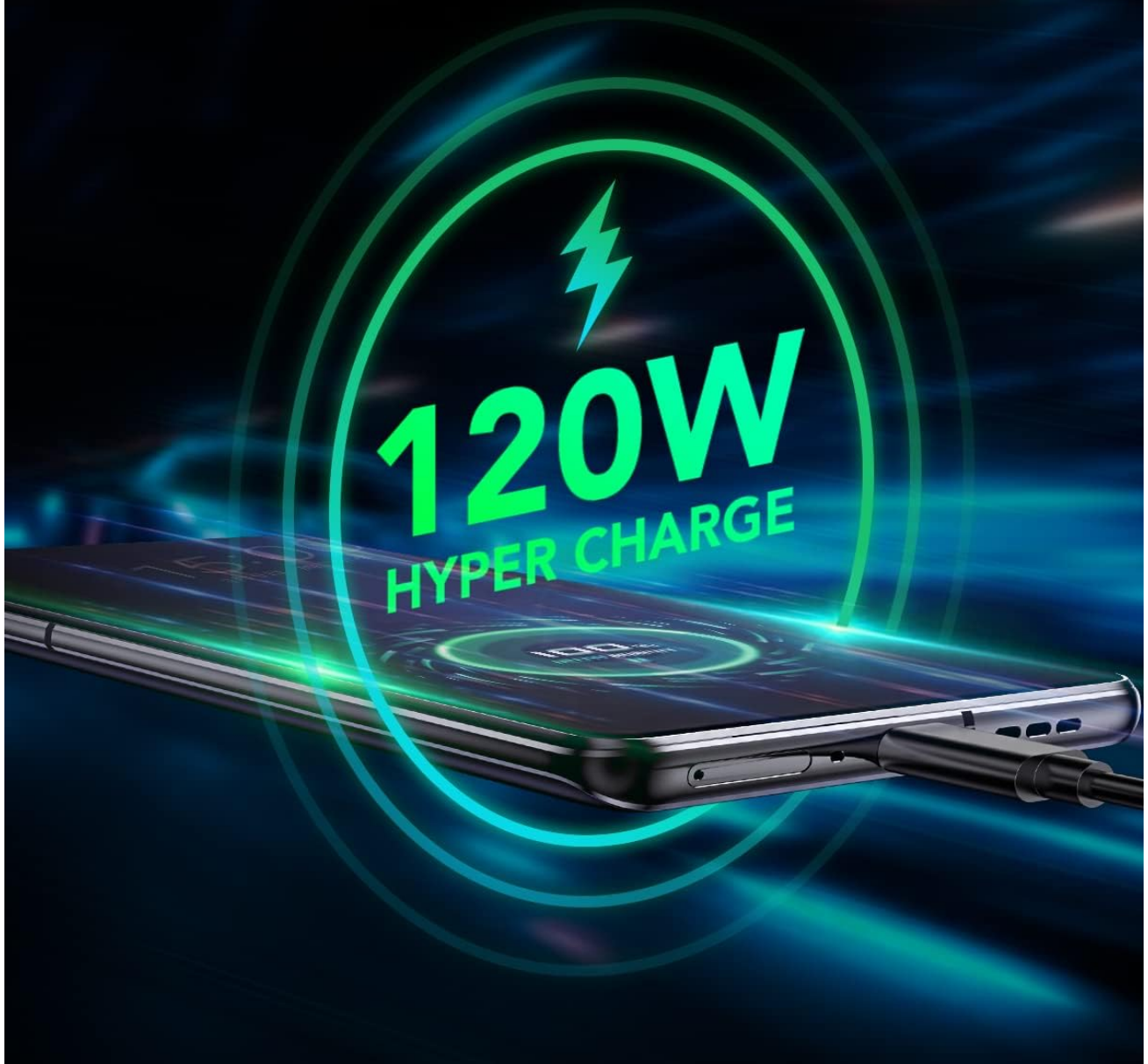


Image 4.1.1: The Black Shark 5 Pro with an overlay graphic emphasizing the Snapdragon 8 Gen 1 processor, indicating its central role in the phone's high performance.



Image 4.1.2: A graphic detailing the technical specifications of the Snapdragon 8 Gen 1, including its 4nm advanced process, Cortex-X2 CPU, Adreno GPU, Hexagon 790 AI engine, Wi-Fi 6E, and DSDA capabilities.

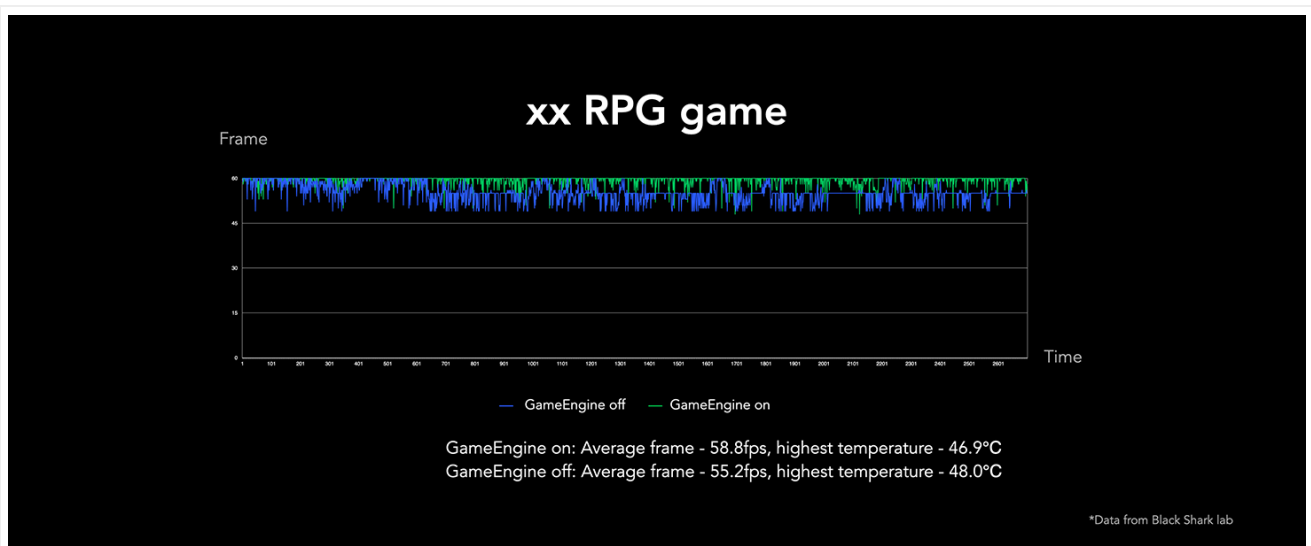


Image 4.1.3: A performance graph illustrating the frame rate stability and temperature management in an RPG game, comparing performance with the GameEngine enabled versus disabled.

4.2. Display

The device features a 6.7-inch flexible OLED display with a 144Hz refresh rate, providing smooth visuals and vibrant colors. It supports 10-bit color depth, DCI-P3 wide color gamut, HDR10+, and DC Dimming for an optimized viewing experience in various lighting conditions. The 720Hz touch sampling rate and TouchControl Master Algorithm reduce touch latency for precise input.

MAGNETIC POP-UP TRIGGERS

The Black Shark 5 Pro is equipped with the second generation of Magnetic Pop-up Trigger.



Image 4.2.1: The Black Shark 5 Pro showcasing its 144Hz E-Sports OLED display during a gaming session, highlighting the smooth visual experience.



Image 4.2.2: A graphic illustrating the key features of the 144Hz OLED Flexible Display, including its size, color depth, contrast ratio, color gamut, and HDR support.



Image 4.2.3: A graphic demonstrating the dual-zone pressure sensitive display, showing how touch input can vary based on pressure applied to the screen.

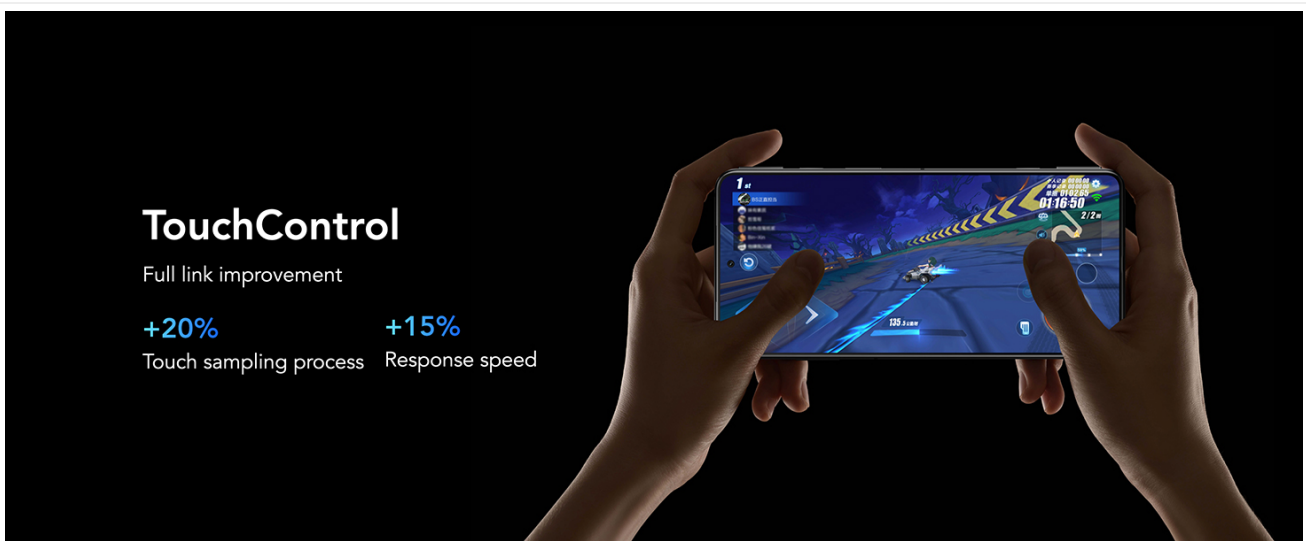


Image 4.2.4: A graphic highlighting the TouchControl system's enhancements, including a 20% increase in touch sampling process and a 15% improvement in response speed for gaming.

4.3. Audio

The Black Shark 5 Pro features a powerful acoustic system with two flagship speakers and four driver chips. It incorporates multiple audio algorithms, including NLC, for enhanced bass, clear treble, and an immersive sound experience. The device also includes AudioZOOM with a 4-mic matrix for improved audio capture.



Image 4.3.1: The Black Shark 5 Pro displaying a game with visual representations of sound waves, emphasizing its advanced audio capabilities.



Image 4.3.2: A graphic illustrating the AudioZOOM feature, which utilizes a 4-mic matrix for directional sound recording and enhanced audio clarity.

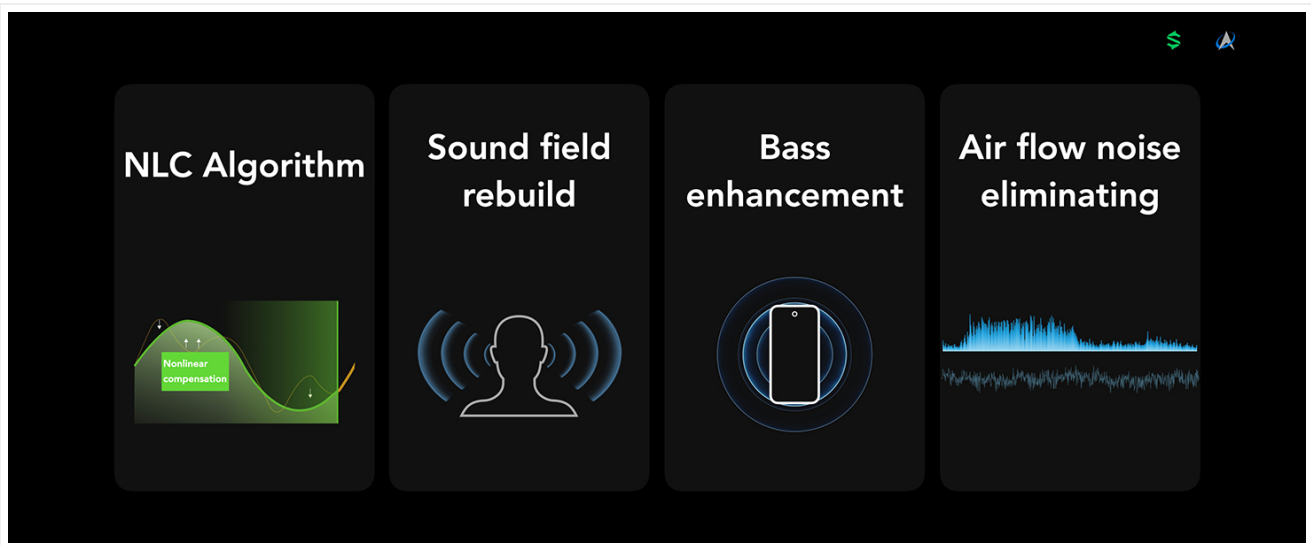


Image 4.3.3: A graphic explaining the audio processing technologies, including NLC Algorithm for nonlinear compensation, sound field rebuild, bass enhancement, and airflow noise elimination.



Image 4.3.4: A graphic highlighting the Super Symmetric 1216P Speakers, detailing their 0.8mm long amplitude and 1.5cc large tune trope for powerful audio output.

4.4. Charging

The Black Shark 5 Pro supports 120W Hyper Charge, allowing the 4650mAh battery to reach 100% charge in approximately 15 minutes in Ultimate Mode. An Even Mode is also available, balancing heat dissipation and charging speed, achieving a full charge in about 24 minutes.

DUAL VC LIQUID COOLING

Based on the advanced "sandwich" three-dimensional cooling architecture,



Image 4.4.1: The Black Shark 5 Pro connected to its charger, illustrating the 120W Hyper Charge capability with a visual representation of rapid power delivery.



Image 4.4.2: A graphic explaining the 120W Hyper Charge technology, emphasizing its ability to fully charge the 4650mAh dual batteries in just 15 minutes.

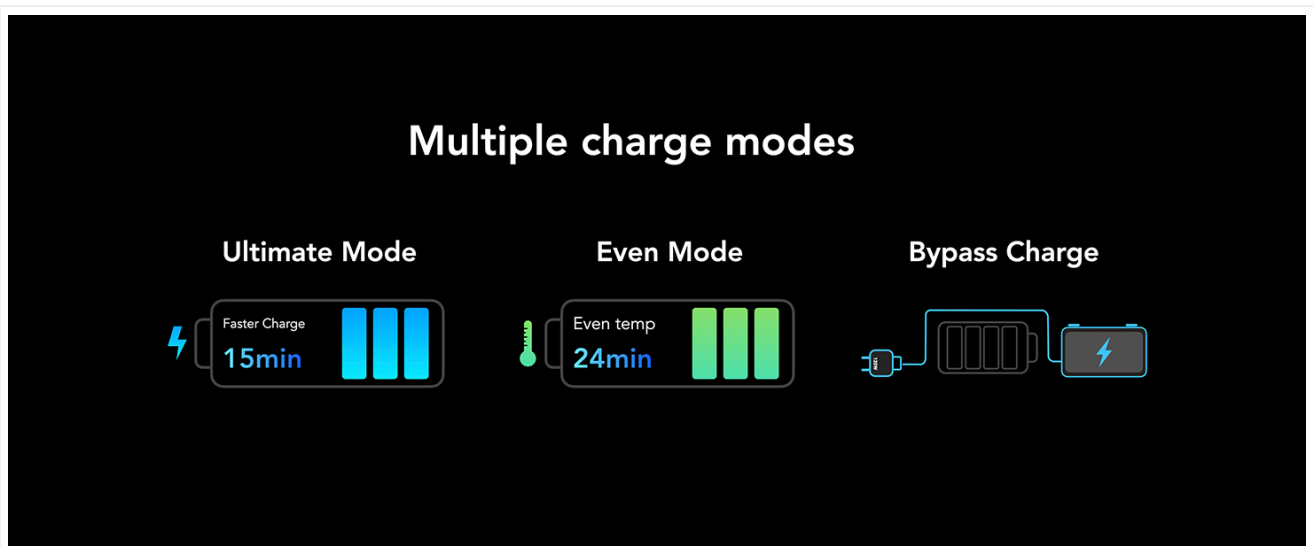


Image 4.4.3: A graphic illustrating the different charging modes available: Ultimate Mode for fastest charging, Even Mode for balanced charging, and Bypass Charge for direct power delivery during gaming.

4.5. Camera

The Black Shark 5 Pro is equipped with a triple camera system, featuring a 108MP ultra-clear main camera with a 1/1.52" sensor, 9-in-1 pixel fusion, f/1.75 large aperture, and 7p lens. It also includes a 13MP wide-angle camera with a 120° large angle and a 5MP macro camera with 3-7cm auto focus.



Image 4.5.1: A detailed view of the Black Shark 5 Pro's triple camera module, showcasing the arrangement of its lenses and sensors.



Image 4.5.2: A graphic outlining the specifications of each camera lens: the 13MP wide-angle, 108MP ultra-clear main camera, and 5MP macro camera.

4.6. Gaming Features (Magnetic Pop-up Triggers & Cooling)

The Black Shark 5 Pro integrates second-generation Magnetic Pop-up Triggers, offering a tactile and responsive gaming experience. These physical buttons provide 7 levels of magnet drive for smooth toggling. To maintain optimal performance during intense gaming, the device utilizes a dual VC liquid cooling system with a total dissipation area of 5320mm², based on an advanced "sandwich" three-dimensional cooling architecture.



Image 4.6.1: The Black Shark 5 Pro showcasing its magnetic pop-up triggers, extended and ready for gaming input.



Image 4.6.2: A graphic detailing the features of the Magnetic Pop-up Trigger 2.0, including its physical button design, 7-level magnetic drive, and e-sports switch functionality.



Image 4.6.3: The Black Shark 5 Pro with a visual effect representing its liquid cooling system, designed to dissipate heat efficiently.

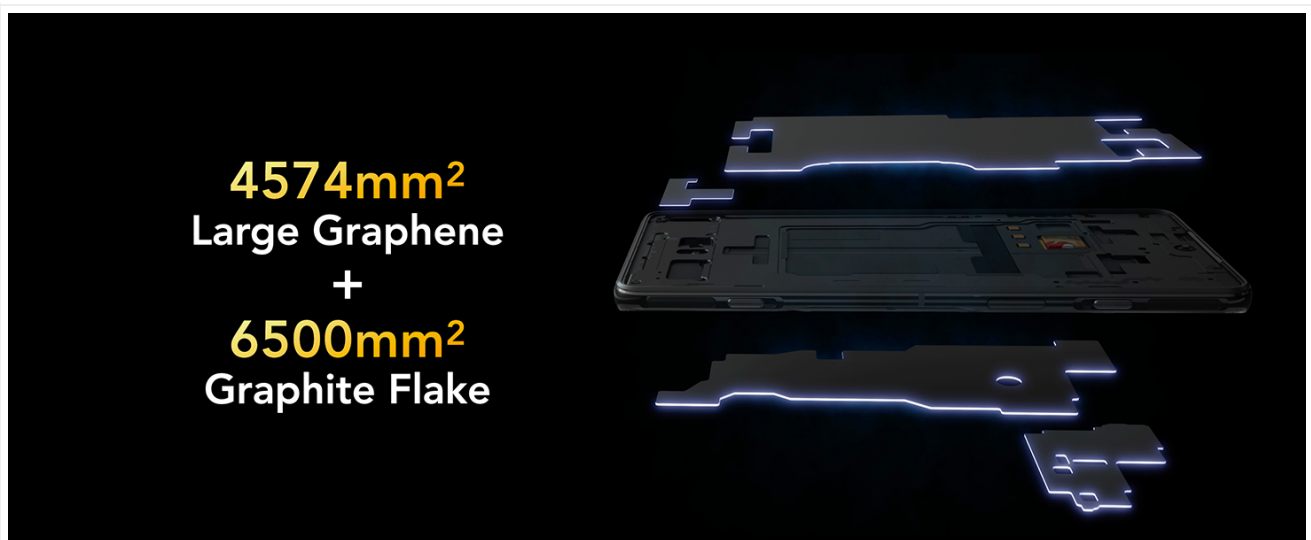


Image 4.6.4: A graphic illustrating the internal cooling components, including a large graphene layer and graphite flake, which contribute to the device's thermal management.

5. MAINTENANCE

5.1. Cleaning Your Device

- Use a soft, lint-free cloth to gently wipe the screen and body of the phone.
- Avoid using harsh chemicals, abrasive cleaners, or aerosol sprays, as these can damage the device's finish.
- For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaning solution.

5.2. Battery Care

- Avoid exposing the phone to extreme temperatures (hot or cold) as this can degrade battery life.
- Use only the provided charger and cable to ensure optimal charging and prevent damage.
- For long-term storage, charge the battery to around 50% and store the device in a cool, dry place.

5.3. Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. You can usually find this option in the phone's Settings menu under "About phone" or "System updates."

6. TROUBLESHOOTING

6.1. Device Not Powering On

- Ensure the battery is charged. Connect the phone to the charger and wait a few minutes before attempting to power it on again.
- Press and hold the Power button for at least 10-15 seconds to perform a forced restart.

6.2. Apps Crashing or Freezing

- Close and reopen the problematic app.
- Clear the app's cache and data in Settings > Apps > [App Name] > Storage.
- Ensure the app and your phone's operating system are up to date.

6.3. Poor Network Connectivity

- Check if your SIM card is properly inserted.
- Toggle Airplane Mode on and off.
- Restart your phone.
- Reset network settings (Settings > System > Reset options > Reset Wi-Fi, mobile & Bluetooth).

6.4. Overheating

- Close background applications that consume significant resources.
- Avoid using the phone while charging, especially during heavy tasks like gaming.
- Reduce screen brightness or enable power-saving modes.
- Ensure the phone is in a well-ventilated area.

7. SPECIFICATIONS

Feature	Specification
Model Name	Black Shark 5 Pro
Operating System	JoyUI 13, based on MIUI
CPU Model	Snapdragon 8 Gen 1
CPU Speed	Up to 3 GHz
Screen Size	6.7 Inches
Refresh Rate	144 Hz
Memory Storage Capacity	128 GB (Internal)
RAM	8 GB (as per title, specification lists 256GB which is likely storage)

Feature	Specification
Battery Capacity	4650 Milliamp Hours
Charging	120W Hyper Charge
Rear Camera	108MP Ultra-clear Camera, 13MP Wide Angle, 5MP Macro
Front Camera	Front camera available
Wireless Technologies	NFC, 5G Cellular Technology
Special Features	Magnetic Pop-up Triggers, Dual VC Liquid Cooling, Dual-zone Pressure Sensitive Display
Item Weight	7.8 ounces (220 Grams)

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Black Shark website. Keep your proof of purchase for any warranty claims.