

DOOGEE Blade 20 Max

DOOGEE Blade 20 Max Rugged Phone User Manual

Model: Blade 20 Max

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your DOOGEE Blade 20 Max Rugged Phone. Please read this manual thoroughly before operating your device to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Upon opening your DOOGEE Blade 20 Max package, you should find the following items:

- 1 x Blade 20 Max Rugged Phone
- 1 x Type-C USB Cable
- 1 x Charger
- 1 x Screen-printed Protective Film (Pre-applied)
- 1 x Anti-explosion film
- 1 x Packing Box
- 1 x Manual
- 1 x Warranty Card

Video Description: This video demonstrates the unboxing process of the DOOGEE Blade 20 Max Rugged Phone, showcasing all included accessories and the phone itself as it is removed from its packaging.

3. PRODUCT OVERVIEW

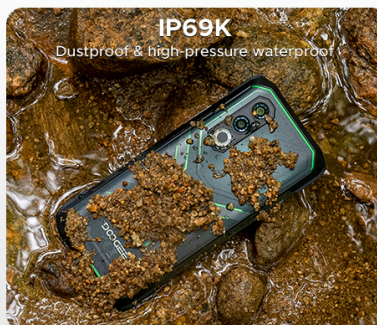
The DOOGEE Blade 20 Max is a rugged smartphone designed for durability and high performance. It features a robust build, a large display, and advanced camera capabilities.



Image Description: A detailed view of the DOOGEE Blade 20 Max Rugged Phone, showing both the front display and the textured back panel with its multi-camera setup.

IP68/IP69K/MIL-STD-810H

Waterproof. Dustproof. Life-Proof.



*The data is tested in Doogee's Laboratory for reference only.

Image Description: An infographic highlighting key features of the DOOGEE Blade 20 Max, including its 1TB ROM, 15.8mm slim body, 11,800mAh Silicon Battery, 64MP Main Camera, and 20MP Night Vision.

4. SETUP

4.1. SIM and TF Card Installation

The DOOGEE Blade 20 Max supports a triple-card slot, allowing for two SIM cards and one TF (microSD) card simultaneously.

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool (if provided) into the small hole next to the tray to open it.
3. Carefully place your Nano-SIM cards and TF card into the designated slots on the tray. Ensure they are correctly oriented.
4. Gently push the tray back into the phone until it is flush with the device's side.

4.2. Initial Power On

1. Press and hold the Power button (usually on the right side) until the DOOGEE logo appears on the screen.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

4.3. Network Configuration

This device supports various frequency bands. Before purchasing, it is recommended to verify compatibility with your local carrier's network to ensure proper functionality. Refer to the specifications section for detailed frequency band information.

5. OPERATING INSTRUCTIONS

5.1. Display

The Blade 20 Max features a 6.6-inch HD+ IPS notch-free punch-hole display with a 120Hz refresh rate for smooth visuals. It offers vibrant colors and clear images.

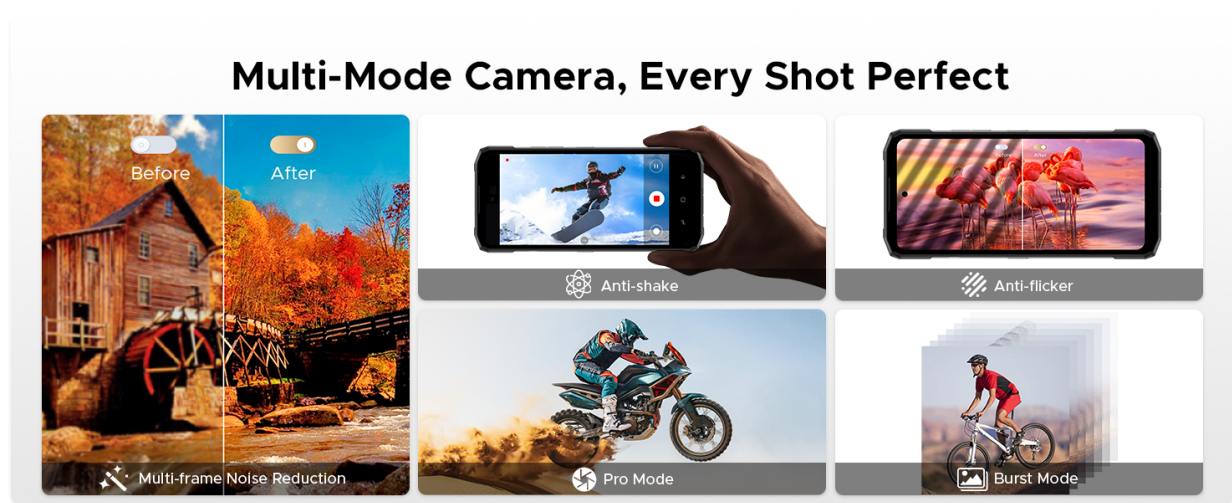


Image Description: An image detailing the 6.6-inch HD+ 120Hz display of the DOOGEE Blade 20 Max, highlighting its Incell screen type, 16.7M screen color, 84% screen-to-body ratio, and 1500:1 screen contrast.

5.2. Performance and Storage

Powered by the 6nm Mediatek Helio G100 Octa Core processor and running Android 15, the device offers fast and responsive performance. It comes with 12GB of physical RAM, expandable by an additional 24GB of virtual memory, totaling 36GB RAM. Storage includes a massive 1TB ROM, suitable for extensive data and applications.

Helio G100 Chipset

Power Meets Efficiency.

6nm
Processing

Octa-core
Processor

Mali G57
GPU

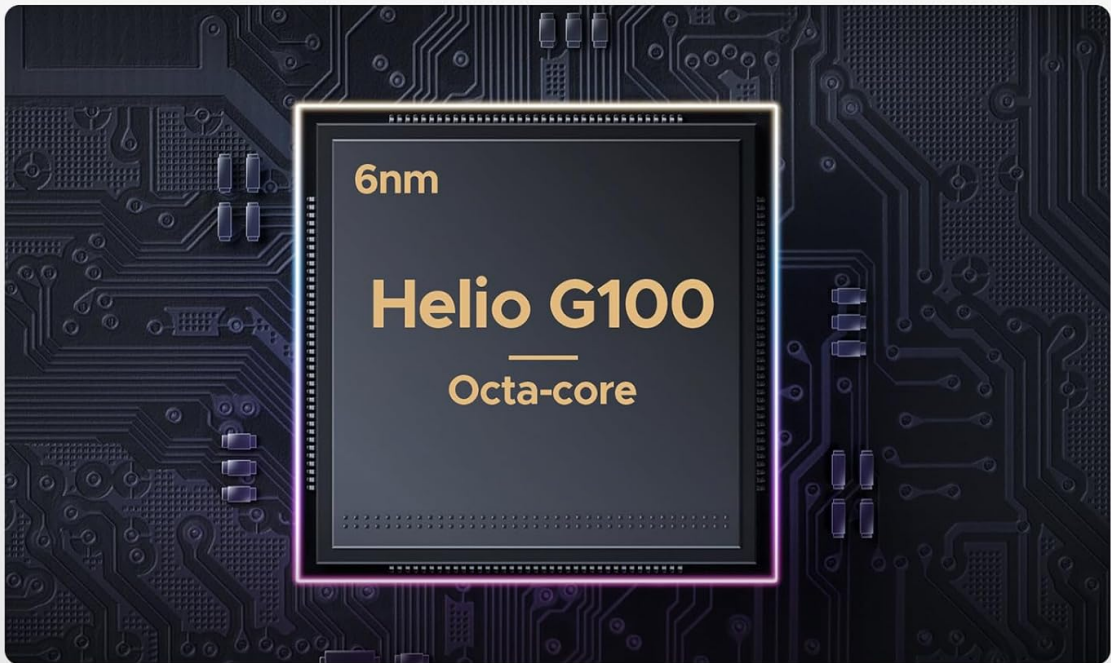


Image Description: A diagram illustrating the Helio G100 Octa-core chipset, emphasizing its 6nm processing and Mali G57 GPU for efficient performance.

More Photos and More Plays

*1TB=200,000 photos + 500
HD movies + 100 large games



Image Description: An illustration showing the 12GB+1TB massive storage configuration of the DOOGEE Blade 20 Max, detailing 36GB RAM (12GB Basic + 24GB Virtual RAM) and 1TB ROM.

Video Description: This video highlights the 1TB ROM storage capacity of the DOOGEE Blade 20 Max, demonstrating its ability to store a large volume of data.

5.3. Camera System

The device is equipped with a triple-camera system: a 64MP main camera, a 16MP front camera, and a 20MP night vision camera, allowing for clear photos in various lighting conditions.

Double the Detail, Day or Night



Image Description: A visual representation of the DOOGEE Blade 20 Max's camera system, highlighting the 64MP main camera, 20MP night vision camera, and 16MP front camera.



Image Description: An image showcasing various multi-mode camera features of the DOOGEE Blade 20 Max, including anti-shake, anti-flicker, multi-frame noise reduction, pro mode, and burst mode.

5.4. Battery Management

The phone is equipped with a large 11800mAh Silicon Anode Battery, providing extended usage times. It supports 33W fast charging and 5W reverse charging, allowing you to charge other devices.

- **Standby Time:** Up to 19 days
- **Video Watching:** Up to 29.9 hours
- **Music Playing:** Up to 186 hours
- **Calling:** Up to 100 hours

11,800mAh Silicon Anode Battery

Power That Never Quits

29.9 hours

Video Watching

186 hours

Music Playing

19 days

Standby time

100 hours

Calling

1000 charge cycles

Extended lifespan

757Wh/L

Higher energy density

 **33W**
Fast Charging

 **5W**
Reverse Charging

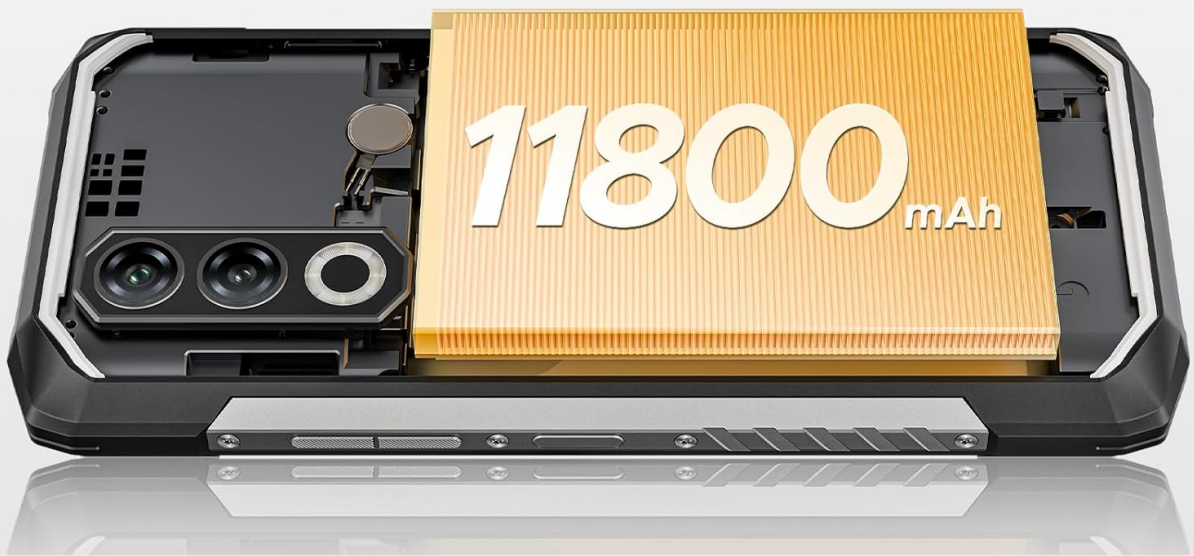


Image Description: An illustration of the DOOGEE Blade 20 Max's 11800mAh Silicon Anode Battery, highlighting its 33W fast charging and 5W reverse charging capabilities, along with estimated usage times.

Video Description: This video demonstrates the long-lasting 11800mAh battery of the DOOGEE Blade 20 Max Rugged Phone, showcasing its endurance for extended use.

5.5. Security Features

Unlock your device securely using either side fingerprint recognition or facial unlock.







Model						
Highlight	15.8mm Ultra Thin / 1TB Large Memory / 64MP Front Camera / 11800mAh Battery	15.8mm Ultra Thin / 125dB Thunder Speaker / 20MP Night Vision Camera	5G / 15.8mm Ultra Thin / 125dB Speaker with Light / 20MP Night Vision Camera	15.8mm Ultra Thin / 1.54" Smart Rear Display	5G / 15.8mm Ultra Thin / 10300mAh Battery	15.8mm Ultra Thin / 10300mAh Battery
Color	<ul style="list-style-type: none"> Obsidian Red Field Green Aurora Titanium 	<ul style="list-style-type: none"> Obsidian Silver Obsidian Red 	<ul style="list-style-type: none"> Obsidian Silver Obsidian Red 	<ul style="list-style-type: none"> Obsidian Silver Obsidian Red 	<ul style="list-style-type: none"> Desert Titanium Galaxy Black 	<ul style="list-style-type: none"> Mystic Violet Aurora Titanium Galaxy Black
Processor	MediaTek Helio G100 / 6nm	Unisoc T7200 / 12nm	5G / Dimensity 7050 / 6nm	Unisoc T7250 / 12nm	5G / Dimensity 7050 / 6nm	Unisoc T7200 / 12nm
Memory RAM+ROM	12GB+1TB	6GB+256GB	8GB+256GB	8GB+512GB	8GB+256GB	4GB+128GB
Battery	11,800mAh 91-C Battery 33W Fast Charging	11,800mAh 91-C Battery 18W Fast Charging	10,300mAh Battery 33W Fast Charging	10,300mAh Battery 18W Fast Charging	10,300mAh Battery 33W Fast Charging	10,300mAh Battery 18W Fast Charging
Camera Main+Front	64MP Main 20MP Night Vision 8MP Front	50MP Main 20MP Night Vision 8MP Front	50MP Main 20MP Night Vision 16MP Front	50MP Main 8MP Front	50MP Main 16MP Front	16MP Main 8MP Front
OS	Android 15	Android 15	Android 15	Android 14	Android 15	Android 15
AI Function	Gemini Gemini AI	Gemini Gemini AI	N/A	Gemini Gemini AI	Gemini Gemini AI	Gemini Gemini AI
Display	6.6" 120Hz Notch-less Punch Display	6.6" 90Hz Notch-less Punch Display	6.6" 90Hz Notch-less Punch Display	6.6" 90Hz Notch-less Punch Display	6.6" 90Hz Notch-less Punch Display	6.6" 90Hz Notch-less Punch Display

Image Description: An infographic illustrating the security features (Face & Side Fingerprint Unlock) and connectivity options (NFC, GPS, Glonass, Galileo, Beidou, 2 SIM + 1 TF Card Slot) of the DOOGEE Blade 20 Max.

5.6. Connectivity

The Blade 20 Max supports Bluetooth, NFC (for Google Pay), Wi-Fi, and multiple navigation systems including GPS, Glonass, Galileo, and Beidou.

5.7. AI Features

The device includes built-in Gemini AI for enhanced functionality, supporting tasks such as content creation, image analysis, code development, language learning, and smart assistance.

Built-in Gemini AI

Think Faster, Do Smarter

Content Creation



Image Analysis



Code Development



Language Learning



Smart Assistant



Gemini Live

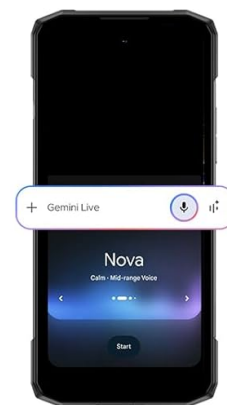


Image Description: A visual representation of the Built-in Gemini AI features on the DOOGEE Blade 20 Max, showing examples of content creation, image analysis, code development, language learning, smart assistant, and Gemini Live.

5.8. Android 15 OS Features

Experience a smooth and intuitive user interface with Android 15, offering features like App Cloning, Dual System Mode, Split Screen, Screen Awareness, Live Caption (English Only), Enhanced Privacy Protection, Glove Mode, and Super Clipboard.

Less Bulk, More Beauty

Thickness: 15.8 mm



Aluminum-titanium alloy frame

*ultra-sleek design



Composite shock-absorbing layer

*exceptional durability

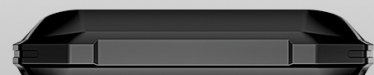


Image Description: An infographic showcasing various features of the Android 15 operating system on the DOOGEE Blade 20 Max, including App Cloning, Dual System Mode, Split Screen, Screen Awareness, Live Caption, Enhanced Privacy Protection, Glove Mode, and Super Clipboard.

6. DURABILITY FEATURES

The DOOGEE Blade 20 Max is built to withstand harsh environments, featuring:

- **IP68 Rating:** Water-resistant, capable of being submerged in 1.5m of water for 30 minutes.
- **IP69K Rating:** Dustproof and resistant to high-pressure, high-temperature water jets.
- **MIL-STD-810H Certification:** Military-grade durability, tested for drops from 1.5 meters.



Image Description: An image illustrating the IP68, IP69K, and MIL-STD-810H durability ratings of the DOOGEE Blade 20 Max, showing the phone submerged in water, covered in dust, and with a drop test indication.

7. MAINTENANCE

To ensure the longevity and optimal performance of your DOOGEE Blade 20 Max, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the phone with a soft, damp cloth. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Keep your device's software updated to the latest version to benefit from security patches and performance improvements.
- **Battery Care:** Avoid extreme temperatures. Do not fully discharge the battery frequently. Use the original charger and cable for optimal charging.
- **Port Protection:** Ensure all port covers (for USB-C, SIM tray) are securely closed to maintain water and dust resistance.

8. TROUBLESHOOTING

If you encounter issues with your device, refer to the following common troubleshooting steps:

- **Device Not Turning On:** Ensure the battery is charged. Connect the phone to the charger for at least 15 minutes, then try powering it on again.
- **Network Issues:** Check if your SIM card is properly inserted. Verify that your carrier's frequency

bands are supported by the device. Restart the phone.

- **Slow Performance:** Close unnecessary background applications. Clear cache regularly. Consider performing a factory reset if issues persist (back up your data first).
- **Touchscreen Unresponsive:** Restart the device. If the issue persists, contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	Blade 20 Max
Brand	DOOGEE
Operating System	Android 15
CPU Model	MediaTek Helio G100 Octa Core
CPU Speed	2.2 GHz
RAM Memory Installed Size	36 GB (12GB physical + 24GB virtual)
Memory Storage Capacity	1 TB
Screen Size	6.6 Inches
Resolution	720 x 1280
Refresh Rate	120 Hz
Battery Capacity	11800 Milliamp Hours
Connectivity Technologies	Bluetooth, NFC, Wi-Fi
GPS	True (GPS, Glonass, Galileo, Beidou)
Special Features	Expandable Memory, Fast Charging Support, Rugged Body, Face ID, Fingerprint Recognition, Night Vision Camera
Item Weight	1 pounds
Package Dimensions	8 x 4 x 2 inches
Durability Ratings	IP68, IP69K, MIL-STD-810H
Supported Frequency Bands	GSM: B2/3/5/8; WCDMA: B1/2/4/5/8; TDD: B34/38/39/40/41; FDD: B1/2/3/4/5/7/8/12/17/18/19/20/25/26/28AB/66



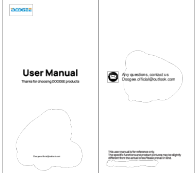
10. WARRANTY AND SUPPORT

Your DOOGEE Blade 20 Max Rugged Phone comes with a warranty. Please refer to the included Warranty Card in your product packaging for detailed terms and conditions, including warranty period and coverage.

For technical support, service, or further inquiries, please visit the official DOOGEE website or contact their customer service channels. Keep your purchase receipt and warranty card handy for any support requests.

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Related Documents - Blade 20 Max

	<p>DOOGEE S61 / S61 PRO Rugged Industrial Smartphone - Technical Specifications</p> <p>Explore the detailed technical specifications of the DOOGEE S61 and S61 PRO rugged industrial smartphones. Learn about their Helio G35 processor, 6.0" IPS HD+ display, advanced camera systems (including SONY IMX350), 5180mAh battery, and robust IP68/IP69K/MIL-STD-810H durability.</p>
	<p>DOOGEE eSIM Functions Quick Guide</p> <p>Learn how to download, switch, delete, and top up eSIMs on your DOOGEE smartphone with this comprehensive quick guide. Covers step-by-step instructions and important cautions.</p>
	<p>DOOGEE Tablet User Manual</p> <p>User manual for the DOOGEE tablet, covering setup, messaging, language settings, safety, and maintenance.</p>

