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## DOOGEE Blade20 Turbo

# DOOGEE Blade 20 Turbo Rugged Smartphone 5G User Manual

Model: Blade20 Turbo

## INTRODUCTION

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This manual provides essential information for the safe and efficient use of your DOOGEE Blade 20 Turbo Rugged Smartphone 5G. Please read it thoroughly before operating the device. The DOOGEE Blade 20 Turbo is designed for durability and high performance, featuring a robust construction, a powerful processor, and an extended battery life.



Figure 1: DOOGEE Blade 20 Turbo Rugged Smartphone (Gold variant)

## SETUP

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### 1. Package Contents

Verify that all items are present in the package:

- 1 x Blade 20 Turbo Rugged Phone
- 1 x Type-C Cable
- 1 x 33W Charger
- 1 x Thick Protective Film (Screen Protector)
- 1 x Packaging Box
- 1 x User Manual

## Test a temperature estreme, basse e alte



Il design, l'integrità strutturale e le funzionalità di base dello smartphone sono rimasti intatti. I dati provengono dal laboratorio Doogee solo a scopo di riferimento.

Figure 2: Package Contents

## 2. SIM Card and MicroSD Card Installation

The device supports a triple slot configuration for two Nano-SIM cards and one MicroSD card for expandable storage.

1. Locate the SIM card tray on the side of the device.
2. Use the provided SIM ejector tool to open the tray.
3. Carefully place your Nano-SIM cards and/or MicroSD card into the designated slots. Ensure correct orientation.
4. Gently push the tray back into the device until it is flush with the body.

## Vita comoda con NFC



Figure 3: SIM and MicroSD Card Installation

## 3. Initial Power On and Basic Configuration

1. Press and hold the power button (located on the side) until the DOOGEE logo appears.
2. Follow the on-screen prompts to select your preferred language.
3. Complete the initial setup wizard, which includes connecting to Wi-Fi, setting up your Google account, and configuring security options.

## 4. Charging the Device

Before first use, it is recommended to fully charge the device. Use the provided 33W charger and Type-C cable.

- Connect the Type-C cable to the charging port at the bottom of the phone.
- Connect the other end of the cable to the 33W power adapter.
- Plug the power adapter into a wall outlet.
- The charging indicator will appear on the screen.



Figure 4: Fast Charging

## OPERATING INSTRUCTIONS

### 1. Display and User Interface

The DOOGEE Blade 20 Turbo features a 6.6-inch HD+ IPS display with a 90Hz refresh rate, providing a smooth visual experience. The display has a resolution of 720x1612 pixels and a contrast ratio of 1500:1.



Figure 5: 90Hz HD+ Display

### 2. Performance and Storage

Powered by the Dimensity 7050 5G octa-core processor (up to 2.6GHz) and running Android 15, the device offers fluid operation. It comes with 8GB of physical RAM, expandable virtually by an additional 24GB (total 32GB), and 256GB of internal storage, which can be expanded up to 2TB with a MicroSD card (sold separately).

## Processore octa-core Dimensity 7050 5G

Esperienza più fluida

**6nm**  
Elaborazione

**5G**  
Velocità più elevata

**2.6Ghz**  
Frequenza massima  
principale

**Up to 2.77 Gbps**  
Aggregazione a due vettori  
tecnologia

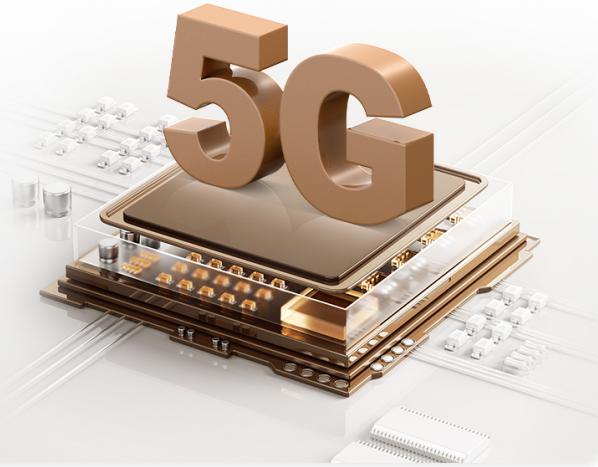


Figure 6: Dimensity 7050 5G Processor

## Maggiore spazio di archiviazione ed esperienza migliore

**32GB (8+24) di RAM**

**256GB di ROM**



Espandibile fino a 2TB, la scheda TF deve essere acquistata separatamente

Figure 7: Memory and Storage

### 3. Camera Features

The device is equipped with a versatile camera system:

- **Main Camera:** 50MP AI camera with features like 360° panorama, HDR, portrait, beauty, and various filters.
- **Front Camera:** 16MP for selfies and video calls.
- **Macro Lens:** 2MP for detailed close-up shots.

It also supports an underwater camera mode for capturing images in aquatic environments.

**Sblocco con impronta digitale frontale e laterale**



**Slot per 3 schede (supporta 2 schede SIM + 1 scheda TF)**



Figure 8: Camera System Overview

## Cattura l'attimo con la massima nitidezza

Fotocamera frontale da  
**16MP**



Fotocamera principale da  
**50MP**  
Fotocamera macro da  
**2MP**

Figure 9: Underwater Camera Mode

## 4. Battery Management

The 10300mAh battery provides extended usage. With 33W fast charging, the device can be quickly recharged. It also supports OTG reverse charging, allowing it to act as a power bank for other devices.

## Mega batteria da 10300mAh, giorno e notte non si fermano mai

Guarda film per un volo di 14,5 ore  
senza ricarica



31 ore di musica, festa dal giorno  
alla notte



Viaggio di lavoro di 2-3 giorni -  
Telefonare senza ricaricare



Figure 10: Extended Battery Life



Figure 11: Fast and Reverse Charging

## 5. Connectivity and Navigation

The smartphone supports 5G connectivity and Dual SIM functionality. For navigation, it integrates GPS, Glonass, Galileo, and Beidou systems for accurate positioning. NFC is also supported for convenient mobile payments and data transfer.



Figure 12: Accurate Navigation System

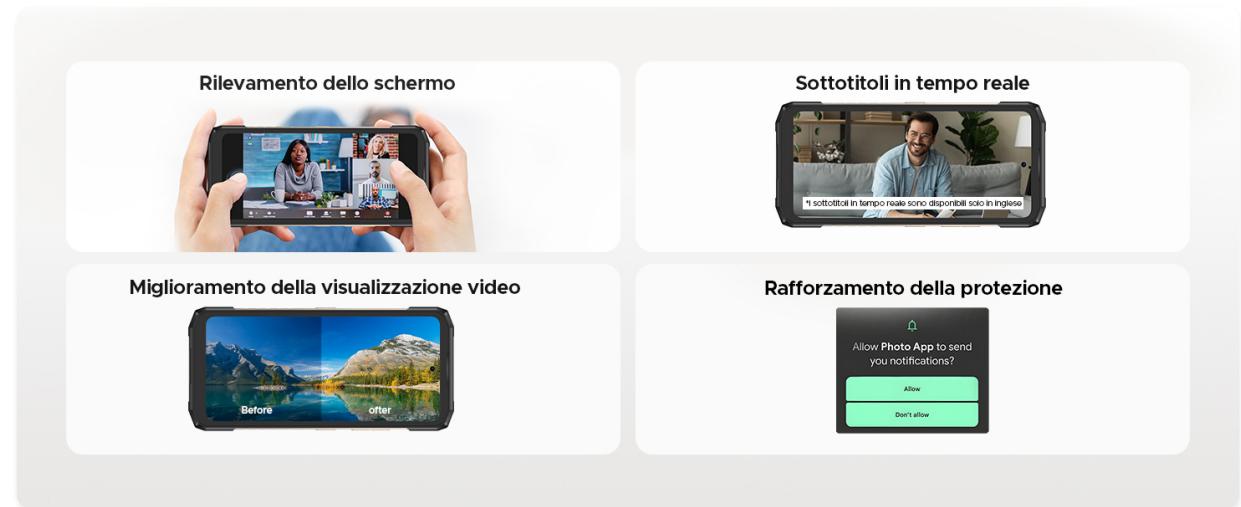


Figure 13: NFC Functionality

## 6. Security Features

The device offers multiple security options:

- **Face ID:** Unlock your phone using facial recognition.
- **Fingerprint Unlock:** A side-mounted fingerprint sensor provides quick and secure access.

## Vita comoda con NFC



Figure 14: Face ID and Fingerprint Unlock

## 7. Gemini AI Integration

The DOOGEE Blade 20 Turbo integrates Gemini AI, offering advanced functionalities:

- **Content Creation:** Assists in generating text and images.
- **Language Learning:** Supports translation, grammatical explanations, and language exercises.
- **Image Analysis:** Object recognition, scene comprehension, text extraction, and image description.
- **Intelligent Assistant:** Provides real-time weather, encyclopedia queries, event reminders, and problem-solving.
- **Code Development:** Helps write code, explains logic, corrects errors, and offers optimization suggestions.
- **Gemini Live:** Conversational interaction and functional application.

## Intelligenza artificiale Gemini integrata, lavoro e vita più semplici



Aiuta a creare storie, poesie, testi pubblicitari e altri contenuti testuali e genera immagini basate sulle descrizioni.



Figure 15: Gemini AI Content Creation and Image Analysis

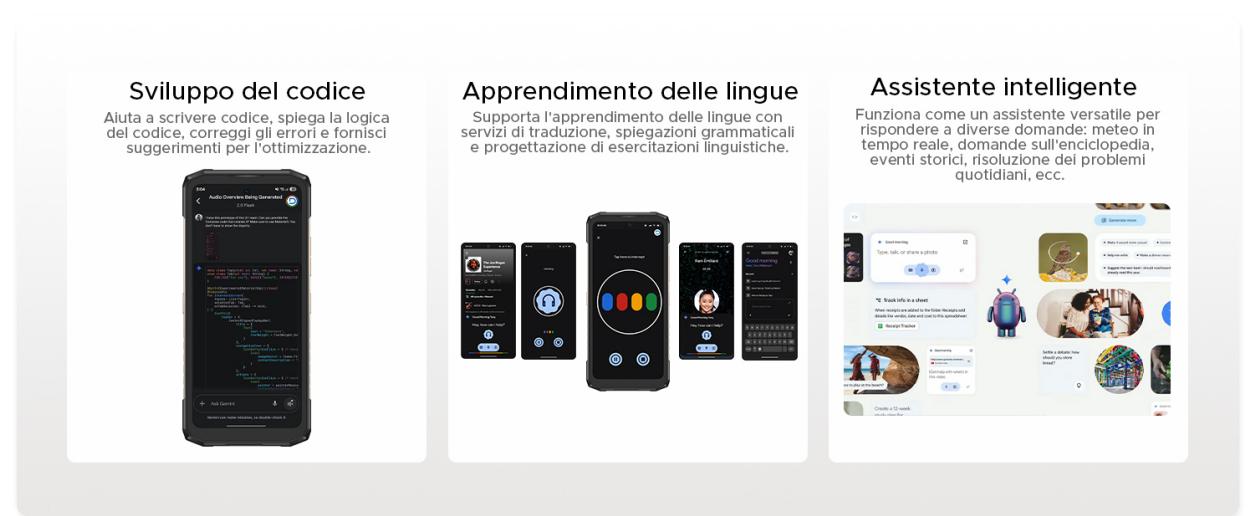


Figure 16: Gemini AI Code, Language, and Assistant

## 8. Special Features

- **Glove Mode 2.0:** Increased screen sensitivity by 30% for use with gloves.
- **Smart Gestures:** Customizable actions for single click (access app), double click (screenshot), and long press (flashlight).
- **Android 15 Enhancements:** Intelligent detection for calls, Super Notes, App Cloning, Split Screen, Screen Detection, Real-time Subtitles, Video Enhancement, and enhanced protection.



Figure 17: Glove Mode 2.0



Figure 18: Android 15 Smart Features

## MAINTENANCE

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### 1. Cleaning Your Device

Due to its rugged design (IP68/IP69K/MIL-STD-810H certified), the DOOGEE Blade 20 Turbo is resistant to water and dust. To clean:

- For general cleaning, wipe the device with a soft, damp cloth.
- For stubborn dirt, you may rinse the device under clean, running water. Ensure all ports are closed tightly before rinsing.
- Do not use harsh chemicals or abrasive materials, as these may damage the device's protective coatings.
- Dry the device thoroughly after cleaning, especially the charging port, before connecting any cables.



Figure 19: Water Resistance

### 2. Battery Care

- Avoid exposing the device to extreme temperatures (below -40°C or above 70°C) for prolonged periods, as this can degrade battery performance.
- Use only the original charger and cable provided with the device to ensure optimal charging and prevent damage.
- For long-term storage, charge the battery to approximately 50% and store the device in a cool, dry place.

### 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 your device's Settings menu under "System" or "About phone."

## TROUBLESHOOTING

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If you encounter issues with your DOOGEE Blade 20 Turbo, try the following steps:

- **Device Unresponsive:** Press and hold the power button for about 10-15 seconds to force a restart.
- **Battery Draining Quickly:** Check background apps, reduce screen brightness, disable unnecessary features (GPS, Wi-Fi, Bluetooth when not in use). Ensure you are using the original charger.
- **Network Connectivity Issues:** Ensure your SIM card is correctly inserted. Try restarting the device. Check network settings and ensure mobile data is enabled.
- **Fingerprint Sensor Not Working:** Ensure your finger is clean and dry. Re-register your fingerprints in the security settings.
- **Software Glitches:** Clear the cache of problematic apps. If issues persist, consider a factory reset **(Note:** This will erase all data on your device, so back up important information first).
- **Water/Dust Exposure:** If the device has been exposed to water or dust, ensure all ports are dry before charging or connecting accessories.

If problems persist after attempting these solutions, please contact customer support.

## SPECIFICATIONS

Feature	Detail
Brand	DOOGEE
Model Name	DOOGEE BLADE20 Turbo
Product Dimensions	8.12 x 1.58 x 17.4 cm
Weight	260 grams
Operating System	Android 15
Processor	Dimensity 7050 Octa-Core, 2.6 GHz
RAM	32 GB (8GB physical + 24GB virtual)
Internal Storage	256 GB
Expandable Storage	MicroSD up to 2 TB
Display Size	6.6 Inches
Display Type	LCD IPS
Resolution	720*1612 Pixels
Refresh Rate	90 Hz
Main Camera	50 MP
Front Camera	16 MP
Macro Camera	2 MP

Feature	Detail
Battery Capacity	10300 mAh
Charging	33W Fast Charging, OTG Reverse Charging
Cellular Technology	5G, 4G (LTE)
SIM Card Support	Dual SIM
Navigation	GPS, Glonass, Galileo, Beidou
Additional Features	NFC, Face ID, Fingerprint Unlock, Rugged Construction (IP68/IP69K/MIL-STD-810H)

## WARRANTY AND SUPPORT

### Warranty Information

- **30-Day Guarantee:** Free refund and return policy.
- **2-Year Limited Warranty:** Covers manufacturing defects for two years from the date of purchase.

### Customer Support

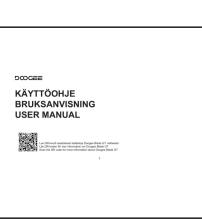
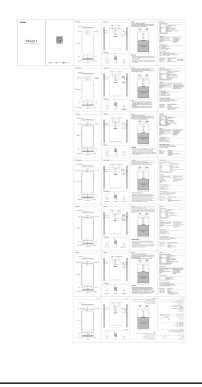
For any inquiries, technical assistance, or warranty claims, please contact DOOGEE customer support:

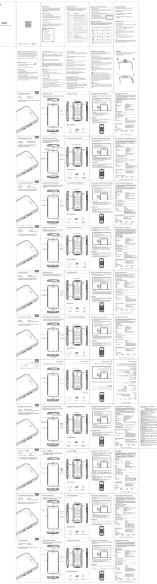
- **Online Support:** 24/7 one-on-one assistance is available. Refer to the official DOOGEE website for contact details.



Figure 20: Warranty and Support Information

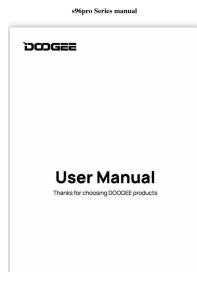
## Related Documents - Blade20 Turbo

	<p><a href="#">DOOGEE S61 / S61 PRO Rugged Industrial Smartphone - Technical Specifications</a></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><a href="#">DOOGEE Blade GT User Manual: Safety, SAR, Specifications, and Disposal</a></p> <p>Official user manual for the DOOGEE Blade GT smartphone. Find detailed safety instructions, RF exposure (SAR) information, frequency band specifications, and guidelines for responsible product disposal.</p>
	<p><a href="#">DOOGEE Shoot 1 Smartphone Overview and Specifications</a></p> <p>A comprehensive overview of the DOOGEE Shoot 1 smartphone, detailing its key specifications, camera features, connectivity options, dimensions, and package contents. Includes essential battery safety warnings.</p>
	<p><a href="#">DOOGEE S61 Series User Manual</a></p> <p>User manual for the DOOGEE S61 Series smartphone, providing essential information on setup, safety, and features.</p>



### [DOOGEE S40 Smartphone User Manual - Official Guide](#)

Explore the DOOGEE S40 smartphone with this comprehensive user manual. Learn about setup, features like call management, screen locking, battery details, and essential safety guidelines for your DOOGEE S40.



### [DOOGEE S96 Pro User Manual - Features, Safety, and Specifications](#)

Comprehensive user manual for the DOOGEE S96 Pro smartphone, covering setup, device features, card installation, safety precautions, regulatory information, frequency bands, and technical specifications.