DOOGEE T20 Ultra

DOOGEE T20 Ultra 12-inch Android Tablet User Manual

Model: T20 Ultra

1. Introduction

This manual provides essential information for the safe and efficient operation of your DOOGEE T20 Ultra 12-inch Android Tablet. Please read this manual thoroughly before using your device to ensure proper setup and functionality. The DOOGEE T20 Ultra is designed for versatile use, featuring a 12-inch 2.4K display, a powerful Helio G99 8-core processor, 32GB RAM, 256GB ROM, and a large 10800mAh battery, supporting 4G dual SIM cellular connectivity.



Figure 1: DOOGEE T20 Ultra 12-inch Android Tablet.

2. Setup

2.1 Package Contents

Verify that all items are present in the package:

- DOOGEE T20 Ultra Tablet
- Type-C USB Cable
- Charger (18W Fast Charge compatible)
- Explosion-proof film (pre-applied or included)
- Business Leather Case
- Instruction Manual
- Card Skimmer

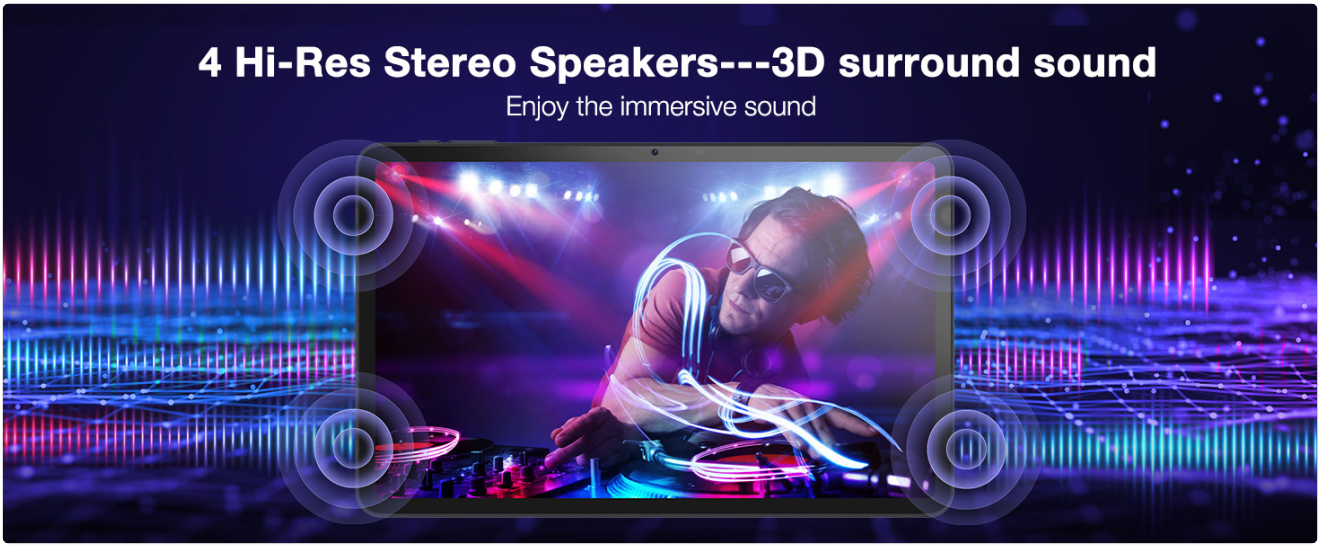


Figure 2: Included accessories with the DOOGEE T20 Ultra.

2.2 Charging the Tablet

Before first use, fully charge the tablet using the provided Type-C USB cable and charger. The tablet supports 18W fast charging for its 10800mAh battery. A full charge ensures optimal battery performance.

2.3 Power On/Off

- To power on: Press and hold the Power button until the DOOGEE logo appears.
- To power off: Press and hold the Power button, then select 'Power off' from the options.

2.4 SIM/TF Card Installation

The DOOGEE T20 Ultra supports dual SIM cards for 4G LTE connectivity and a TF card for storage expansion up to 2TB. Use the provided card skimmer to open the SIM/TF card tray and insert the cards as indicated on the tray.

3. Operating the Tablet

3.1 Display Features

The tablet features a 12-inch 2.4K IPS display with TUV SUD eye protection certification, reducing blue light exposure for comfortable viewing. It also supports Widevine L1, enabling high-definition streaming from platforms like Netflix and Amazon Prime Video.

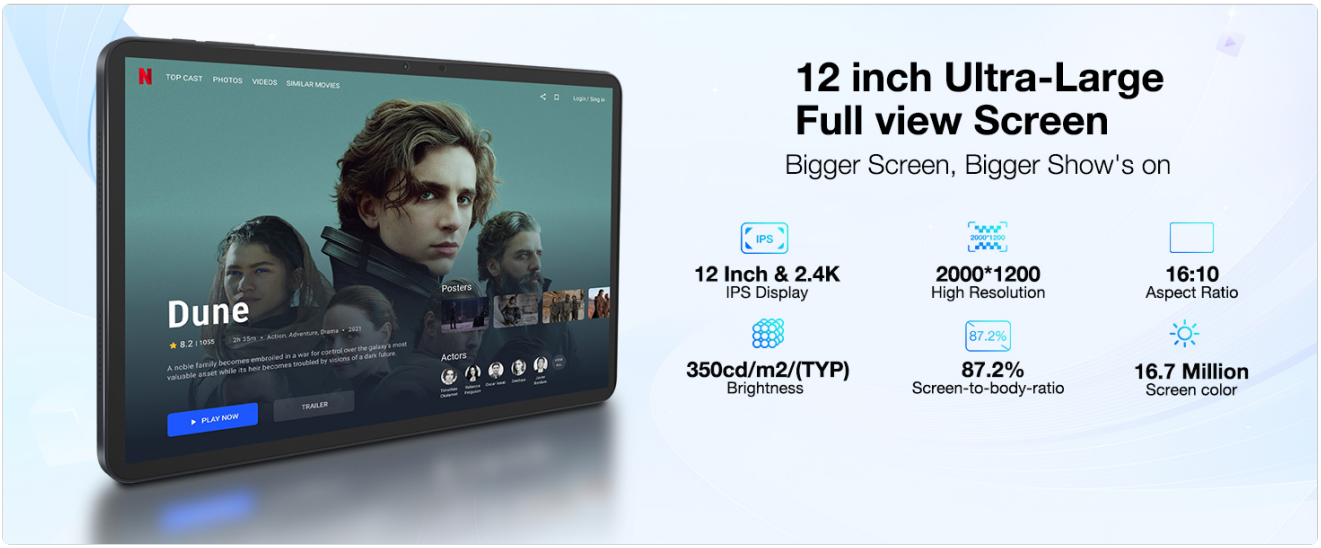


Figure 3: Display specifications of the DOOGEE T20 Ultra.

3.2 Performance and Storage

Equipped with a MediaTek Helio G99 8-core processor (2.2 GHz, 6 nm), the T20 Ultra delivers smooth performance for gaming and multitasking. It comes with 32GB of RAM (12GB fixed + up to 20GB expandable) and 256GB of internal storage, expandable up to 2TB via a TF card.



Figure 4: RAM, ROM, and storage expansion capabilities.

3.3 Audio System

Experience immersive sound with four Hi-Res Audio certified speakers, each equipped with an intelligent PA system. This setup provides a rich audio experience for media consumption.



Figure 5: Quad speaker system for enhanced audio.

3.4 Camera Functionality

The tablet features a 16MP AI rear camera for capturing photos and videos, and an 8MP front camera for video calls and selfies. Both cameras support high-quality imaging.

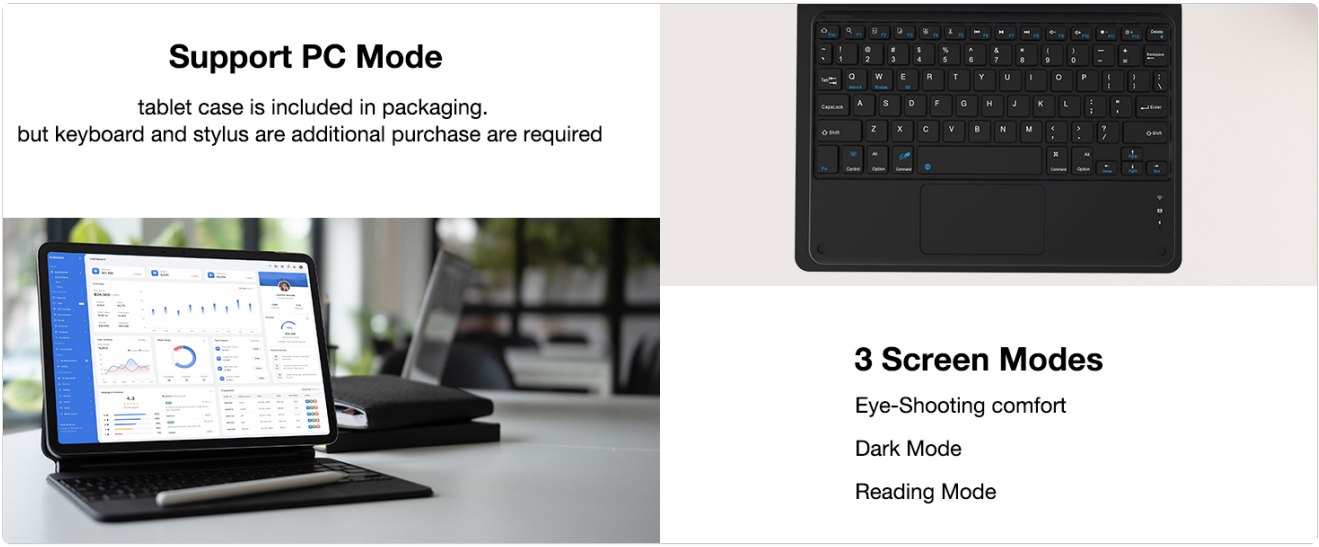


Figure 6: Camera specifications and features.

3.5 Connectivity

The T20 Ultra supports 2.4G/5GHz dual-band WiFi for fast internet access and 4G LTE with dual SIM card support for cellular connectivity. It also includes Bluetooth 5.0 for wireless accessories and a 3.5mm headphone jack.

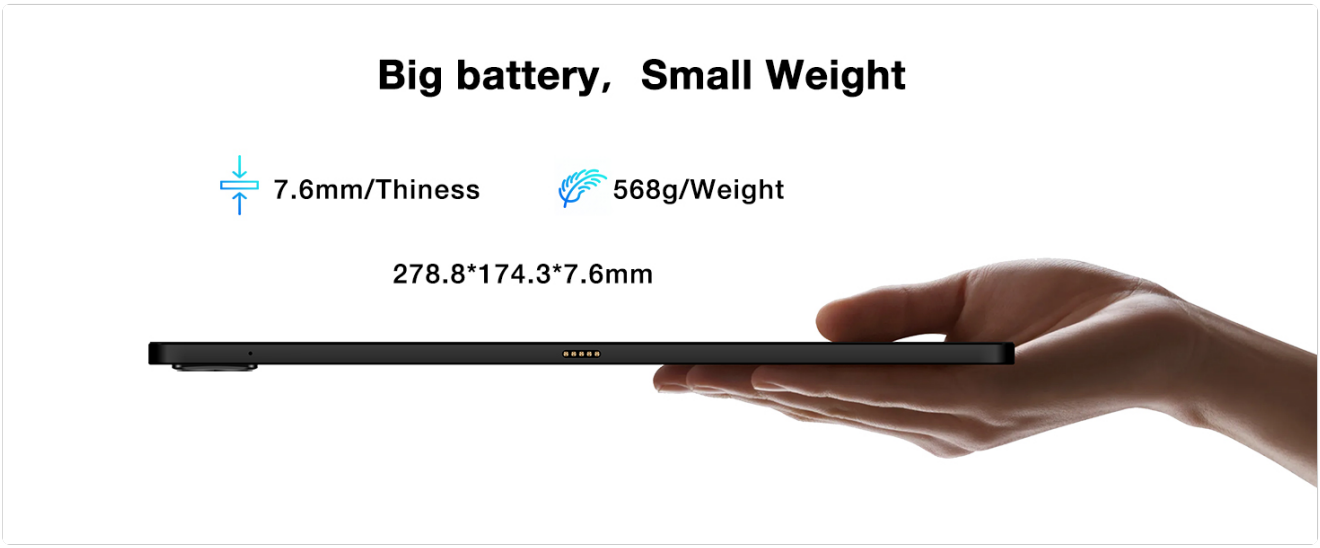


Figure 7: Connectivity options.

3.6 Special Features

- **PC Mode:** Transform your tablet into a laptop-like experience with an optional keyboard (sold separately).
- **Split Screen:** Multitask efficiently by running two applications side-by-side.
- **Navigation Support:** Integrated GPS, Beidou, GLONASS, Galileo, and AGPS for accurate positioning.
- **Screen Modes:** Choose from Eye-Shooting comfort, Dark Mode, and Reading Mode for optimized viewing.



Figure 8: PC Mode and various screen modes.

4. Maintenance

4.1 Battery Care

To prolong the life of your 10800mAh battery, avoid extreme temperatures and fully discharge and recharge the tablet periodically. Use only the provided charger or a certified compatible charger.



Figure 9: Battery capacity and charging information.

4.2 Storage Management

Regularly manage your 256GB internal storage by deleting unnecessary files and applications. Utilize the TF card slot for additional storage of up to 2TB for media and documents.

5. Troubleshooting

If you encounter issues with your DOOGEE T20 Ultra, refer to the following common solutions:

- **Tablet not powering on:** Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again.
- **Slow performance:** Close unused applications, clear cache, or restart the tablet. Consider freeing up storage space.
- **Connectivity issues (Wi-Fi/4G):** Check your router or cellular network settings. Restart the tablet and the network

device.

- **Screen unresponsiveness:** Perform a forced restart by holding the power button for an extended period (usually 10-15 seconds).

For more complex issues, consult the official DOOGEE support resources.

6. Specifications

Feature	Specification
Model Number	T20 Ultra
Operating System	Android 14
Screen Size	12 Inches
Screen Resolution	2560x1440 pixels (2.4K)
Processor	MediaTek Helio G99 (8-Core, 2.2 GHz)
RAM	32GB (12GB fixed + up to 20GB expandable)
Internal Storage (ROM)	256GB
Expandable Storage	Up to 2TB (TF Card)
Battery Capacity	10800mAh
Rear Camera	16MP
Front Camera	8MP
Connectivity	4G LTE Dual SIM, 2.4G/5GHz Dual-Band WiFi, Bluetooth 5.0
Audio	4 Hi-Res Audio Certified Speakers
Dimensions	12 x 12 x 2 inches
Weight	3.1 pounds

7. Warranty and Support

Your DOOGEE T20 Ultra tablet comes with a **2-Year Limited Warranty**. For any product-related inquiries or assistance, DOOGEE offers **24/7 One-on-One Online Support**. Additionally, a **30-Day Money Back Guarantee and Free Return** policy is available.
For detailed warranty terms and to access support, please refer to the warranty card included in your package or visit the official DOOGEE website.

8. Product Videos

8.1 DOOGEE T20 Ultra Features Overview

Video 1: This video provides a comprehensive overview of the DOOGEE T20 Ultra's key features, including its display, processor, and audio capabilities.

8.2 DOOGEE T20 Ultra Performance Highlights

Video 2: Explore the performance aspects of the DOOGEE T20 Ultra, showcasing its smooth operation and multitasking capabilities.

8.3 DOOGEE T20 Ultra Unboxing Video

Video 3: This unboxing video shows the contents of the DOOGEE T20 Ultra package and a first look at the tablet's design.