TECLAST P50

TECLAST P50 Android 14 Tablet User Manual

Model: P50 | Brand: TECLAST

1. INTRODUCTION

Welcome to the user manual for your new TECLAST P50 Android 14 Tablet. This guide provides detailed instructions to help you set up, operate, maintain, and troubleshoot your device. The TECLAST P50 is an 11-inch tablet featuring the latest Android 14 OS, an 8-core processor, 14GB RAM (6GB physical + 8GB virtual), 128GB internal storage expandable up to 1TB, an 8000mAh battery, and Widevine L1 support for high-quality streaming.

Figure 1: TECLAST P50 Android 14 Tablet

2. WHAT'S IN THE BOX

Upon opening your TECLAST P50 package, you should find the following items:

- Android 14 P50 tablet x 1
- Charger x 1
- Charging Cable x 1
- Instruction manual x 1
- Ejection pin x 1

Figure 2: Package Contents

Unboxing Video

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Video 1: TECLAST P50 Tablet Unboxing. This video demonstrates the unboxing process and shows all items included in the package.

3. PRODUCT OVERVIEW

The TECLAST P50 tablet is designed for portability and performance, featuring a sleek all-metal unibody design. It measures approximately 9.7 x 6.3 x 0.29 inches (24.6 x 16.0 x 0.74 cm) and weighs about 1.2 pounds (543g).

Physical Features and Ports

- **Power Button:** Located on the side, used to power on/off or wake/sleep the device.
- **Volume Buttons:** Adjust audio volume.
- **USB Type-C Port:** For charging and data transfer.
- **3.5mm Headphone Jack:** For audio output.
- **Speakers:** Dual speakers for immersive audio.
- **SIM/Micro SD Card Slot:** Supports Micro SD card expansion up to 1TB (FAT32 format) and may support 4G SIM in some regions.
- **Cameras:** 13MP Rear Camera with LED Flash and 5MP Front Camera.
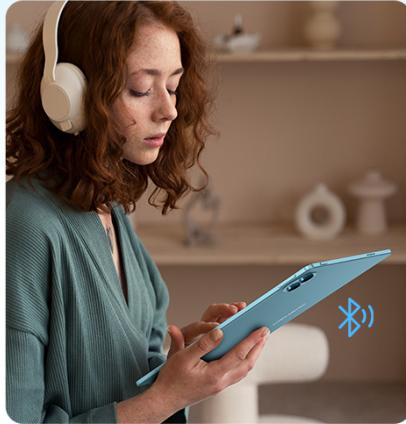
FM Radio　　**2.4G/5G Wifi & BT 5.0**　　**Positioning and Navigation**

Figure 3: Tablet Design and Portability

Chiseled for a Comfortable Grip

Cyan Finish

8mm Thin

530g Light

Metal Unibody
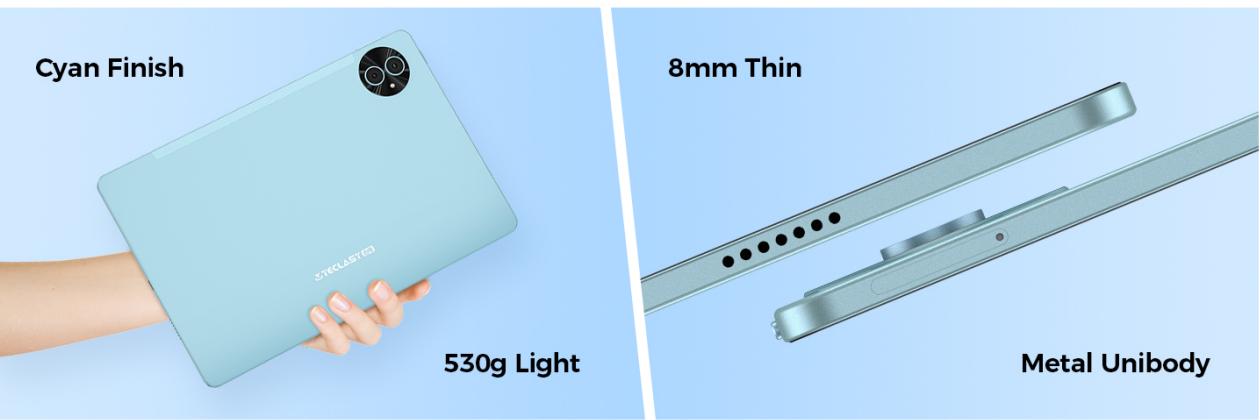
Figure 4: Port and Slot Layout

4. Initial Setup

4.1 Charging the Tablet

Before first use, fully charge your TECLAST P50 tablet using the provided charger and charging cable. Connect the USB Type-C cable to the tablet's port and the charger to a power outlet. The battery indicator on the screen will show charging progress.

4.2 Powering On/Off

- **To Power On:** Press and hold the Power button until the TECLAST logo appears on the screen.
- **To Power Off:** Press and hold the Power button until a power-off menu appears, then select "Power off".
- **To Sleep/Wake:** Briefly press the Power button.

4.3 Initial Android 14 Configuration

Upon first power-on, the tablet will guide you through the initial setup process. This includes selecting your language, connecting to a Wi-Fi network, setting up your Google account, and configuring basic security settings.

4.4 Expanding RAM (Virtual RAM)

The TECLAST P50 supports RAM expansion, allowing you to allocate part of the internal storage as virtual RAM, increasing the total RAM to 14GB (6GB physical + 8GB virtual). To enable or adjust this setting:

1. Go to "Settings".
2. Navigate to "System".
3. Select "Memory Expansion" or "RAM Extension".
4. Choose the desired virtual RAM size (e.g., 8.0GB).

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Video 2: How to Enable RAM Extension on TECLAST P50. This video demonstrates the steps to expand the tablet's RAM virtually.

5. OPERATING YOUR TABLET

5.1 Display Features

The P50 features an 11-inch full laminated IPS display with a 1280x800 resolution. It incorporates T-Colour 3.0 color optimization technology for vivid visuals and includes a Dim Mode for eye protection.

11 inch IPS
Touch Screen

11-inch
IPS

300nit
Tpy Brightness

16:10
Golden Screen Ratio

T-Colour 3.0
Color Optimization

Dim Mode
Eye Protection

10.12"

6.64"

11.0"

0.27"

Original

T-Color 3.0

Compared to 10.1-inch Display

The new Teclast 11-inch tablet has a display area that is 15% larger than the 10.1-inch, giving you more space to create even more brilliance.

Figure 5: 11-inch IPS Touch Screen

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Video 3: TECLAST P50 11 Inch Screen Showcase. This video highlights the visual quality and features of the tablet's display.

5.2 Performance and Storage

Powered by a Unisoc T606 8-core processor at 1.6GHz and a Mali G57 graphics processor, the P50 ensures smooth performance for various tasks, from work to gaming. It comes with 128GB of internal storage, which can be expanded up to 1TB using a Micro SD card (sold separately, FAT32 format).

High Performance Octa-Core

Unisoc T606
8-core CPU

T606
SC9863A

2.0 GHz
Peak frequency

2.0GHz
1.6GHz

A75 High performance
A55 Power-saving

A75
A55

12nm
Low heat generation

12nm
16nm

Performance

100%
T606

60%
SC9863A

Consumption

90%
T606

100%
SC9863A
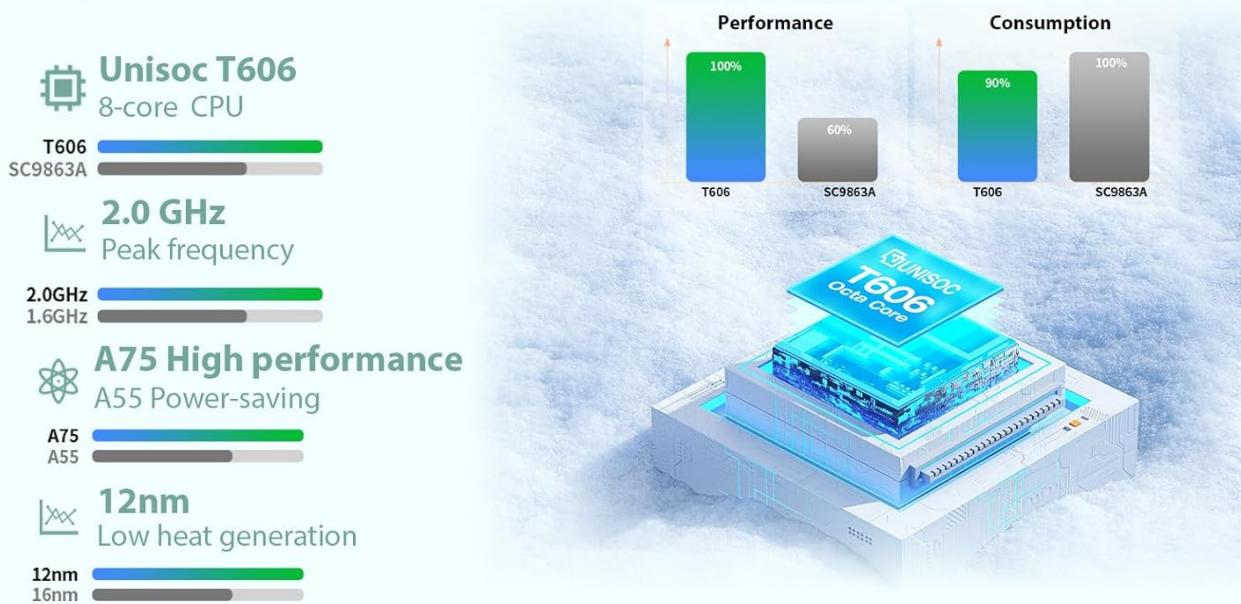
GPU for high quality display

Performance

G57
GE8322

Energy efficiency

G57
GE8322

Special effects

G57
GE8322

Mali-G57
Graphics processor

650MHz
Operating frequency
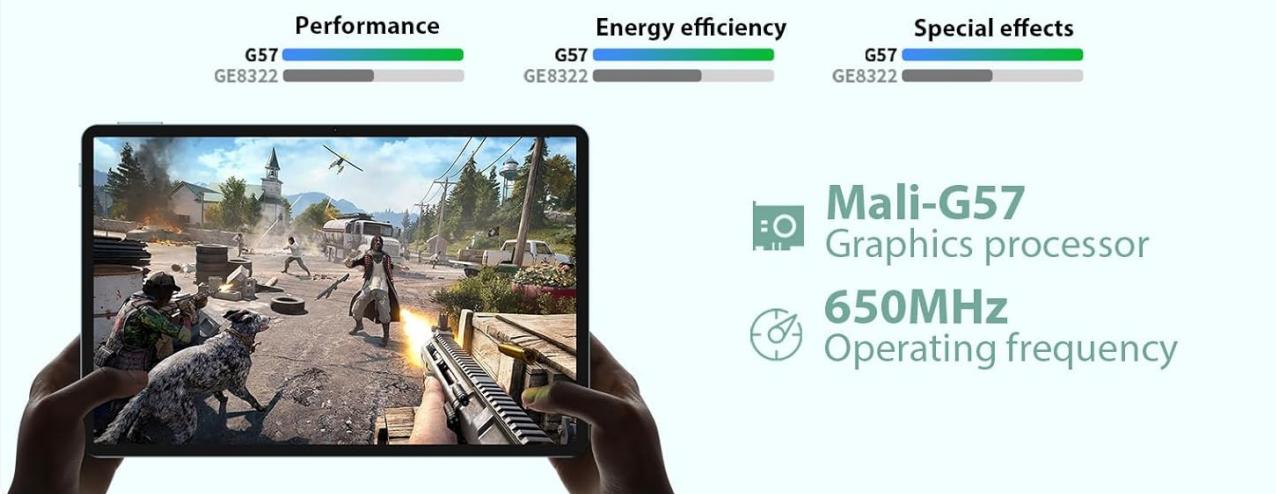
Figure 6: High Performance Octa-Core Processor

Cortex A75 2*1.6GHz +A55 6*1.6GHz
Powerful CPU

CPU 12nm
low power consumption

Mali-G57
Supports AR & VR
650MHz

High performance 8-Core CPU
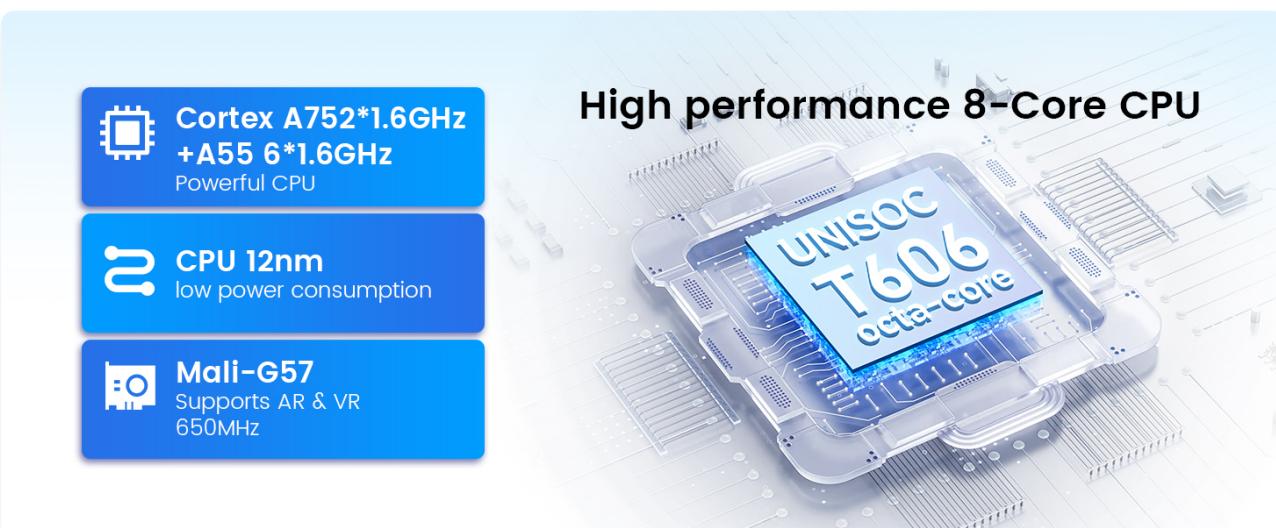
Figure 7: Memory and Storage Capabilities

5.3 Connectivity

The tablet supports high-speed AC 2.4G/5G Wi-Fi and Bluetooth 5.0 for seamless wireless connections. For navigation, it supports GPS, GLONASS, BDS, and GALILEO satellite positioning systems, along with A-GPS network-assisted positioning.

Figure 8: Stay Connected Globally

5.4 Camera Features

Capture moments with the 13MP rear camera (with LED flash for low light) and a 5MP front camera, suitable for video calls and selfies.

Online Movies and TV Shows with the Best Video Quality Widevine L1 support

Ensures you experience the latestseries,steaming in brilliant 1080P resolution and above.

Figure 9: Dual Cameras

5.5 Battery Life

The P50 is equipped with an 8000mAh battery, providing extended usage throughout the day. Charging is done via the USB Type-C port.

11 inch incell Large screen

Explore Adventure and Joy in the Immersive Vision

11-inch IPS

16:10 Golden Screen Ratio

300nit Tpy Brightness

Dim Mode Eye Protection
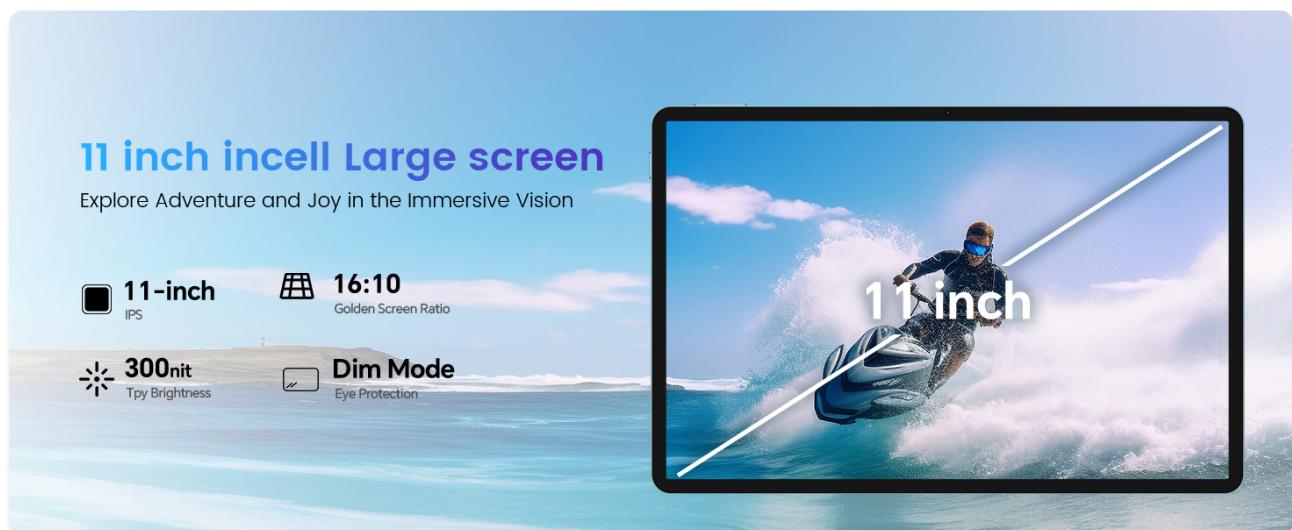
Figure 10: Large Capacity Battery

5.6 Special Features

- **Widevine L1 Support:** Enjoy high-quality video playback (1080P and above) on major streaming platforms like Netflix, Prime Video, Disney+, Hulu, YouTube, and HBO Max.
- **Face Unlock:** Securely access your tablet using facial recognition via the front camera.
- **Wireless Projection:** Cast your tablet's screen to compatible external displays.
- **Split Screen Function:** Multitask efficiently by running two applications side-by-side.
- **Child Protection (Family Link):** Set screen time limits, monitor app usage, remotely lock devices, and track location using Google's built-in parental controls.
- **Accessibility Features:** Includes reading function, automatic subtitles, and display size adjustment for enhanced usability.
- **FM Radio:** Listen to your favorite radio stations.

RAM **14GB**
（6GB+8GB virtual RAM)

ROM **128GB**

Memory Card **1TB**
(Sold separately, FAT32 format)

Figure 11: Widevine L1 Support for Streaming

Parental Control

Set up with Google's built-in parental controls called Family Link.

Set screen time limit, monitor app usage, remotely lock devices, see the location of your child's tablet.

Figure 12: Face Unlock in Action

Face Unlock

The front camera supports face unlock. Securely register your facial information in the settings and with a quick facial scan, you can easily access the tablet system without compromising your password information.

Figure 13: Split Screen Functionality

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Video 4: 2024 Latest Android 14 Tablet - P50. This video provides a general overview of the tablet's features and capabilities.

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Video 5: P50 Tablet Overview. A comprehensive look at the tablet's design and key functionalities.

6. MAINTENANCE

6.1 Battery Care

- To prolong battery life, avoid fully discharging the tablet frequently.
- Charge the tablet regularly, ideally before the battery level drops below 20%.
- Avoid exposing the tablet to extreme temperatures (hot or cold), as this can degrade battery performance.
- Use only the provided charger and cable or certified alternatives.

6.2 Cleaning Your Tablet

- Use a soft, lint-free cloth to clean the screen and body of the tablet.
- For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution.
- Avoid using harsh chemicals, abrasive materials, or aerosol sprays directly on the tablet.

7. TROUBLESHOOTING

If you encounter issues with your TECLAST P50 tablet, please refer to the common solutions below. For more complex problems, contact customer support.

Problem	Possible Solution
Tablet won't turn on	Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again. If it still doesn't turn on, try holding the power button for 10-15 seconds.
Slow performance	Close unused apps running in the background. Clear cache data from apps. Check for system updates. Consider enabling RAM expansion if not already done.
Wi-Fi connectivity issues	Restart the tablet and your Wi-Fi router. Forget the network and reconnect. Ensure you are within range of the Wi-Fi signal.
Battery drains quickly	Reduce screen brightness. Disable Wi-Fi, Bluetooth, and GPS when not in use. Close background apps. Limit push notifications.
Apps crashing/freezing	Clear the app's cache and data in Settings > Apps. Uninstall and reinstall the app. Ensure the app is updated to its latest version.

8. SPECIFICATIONS

Feature	Detail
Brand	TECLAST

Feature	Detail
Model Name	P50
Operating System	Android 14
Screen Size	11 Inches
Screen Resolution	1280 x 800 pixels
Processor	Unisoc T606 8-core (1.6 GHz)
Graphics Coprocessor	Arm Mali-G57 1Core@650MHz
RAM	14GB (6GB physical + 8GB virtual)
Internal Storage	128 GB
Expandable Storage	Up to 1TB Micro SD (FAT32 format)
Battery Capacity	8000mAh
Average Battery Life	11 Hours
Rear Camera	13 MP
Front Camera	5 MP
Wireless Type	802.11ac (2.4G/5G Wi-Fi), Bluetooth 5.0
Navigation	GPS/GLONASS/BDS/GALILEO, A-GPS
Item Weight	1.2 pounds (543g)
Product Dimensions	9.7 x 6.3 x 0.29 inches (24.6 x 16.0 x 0.74 cm)
Color	Blue

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your TECLAST P50 tablet comes with a standard manufacturer's warranty. Please refer to the included Warranty Card in your package for specific terms and conditions, including warranty period and coverage details.

9.2 Customer Support

For any questions, technical assistance, or issues not covered in this manual, please contact TECLAST customer support. Most questions are answered within 24 hours to ensure a positive experience with your product.
You can typically find contact information on the official TECLAST website or through the platform where you purchased the device. For Amazon purchases, you can visit the TECLAST Brand Store on Amazon.