TECLAST P50Mini

TECLAST P50Mini 8.7-inch Android Tablet User Manual

Model: P50Mini

1. OVERVIEW

The TECLAST P50Mini is an 8.7-inch Android tablet designed for versatile use, from entertainment to productivity. It features a high-performance processor, a vibrant 90Hz display, and a lightweight, portable design. This manual provides essential information for setting up, operating, and maintaining your device.

2. PRODUCT FEATURES

2.1. High-Performance Processor & Android OS

The P50Mini is equipped with the latest Android 16 system, offering enhanced notification management and advanced privacy protection. Its Unisoc T7200 (T606) Octa-core processor (2x Cortex-A75 1.6GHz + 6x Cortex-A55 1.6GHz) ensures smooth multitasking for document processing, video editing, and gaming. The Mali-G57 GPU and Widevine L1 certification support high-quality streaming on platforms like Netflix and Amazon Prime Video, as well as smooth performance for casual games and educational applications.

2.2. Display & Audio

Experience immersive visuals with the 8.68-inch IPS display (1340x800 resolution, 180PPI) featuring a 16:10 aspect ratio and 16.7 million colors. The 90Hz refresh rate provides smooth scrolling, while automatic brightness adjustment (20-350cd/m²) adapts to various lighting conditions. Dual speakers with SBC protocol support deliver stereo sound for an enhanced movie and music experience.

2.3. Memory & Storage

The tablet offers 12GB of memory (4GB physical RAM + 8GB virtual memory) for seamless app switching and multitasking. It includes 128GB of UFS high-speed storage, expandable up to 1TB with a microSD card, allowing ample space for videos, e-books, and games. The Android 15 'Kids Mode' allows for dedicated app

areas, preventing accidental operations and catering to family needs.

2.4. Battery & Portability

A 5000mAh polymer battery provides up to 15 hours of continuous e-book reading (Wi-Fi off). Charging via Type-C takes approximately 3.5 hours (fast charging not supported). With a thickness of 8.2mm and a weight of 340g, its compact design allows for easy one-handed carrying, making it ideal for commuting, travel, and extended study sessions without battery concerns.

2.5. Connectivity & Sensors

The P50Mini supports dual-band Wi-Fi (2.4GHz + 5GHz) for stable and fast connections. It includes gravity, light, distance, and Hall sensors for an improved user experience. OTG functionality allows direct connection to USB keyboards, mice, USB memory, and SSD hard drives (no external power required), enhancing expandability. Features like split-screen operation, screen recording, dark theme, and eye protection mode are also included.

2.6. Japanese Language Support & Customer Service

GMS certified and fully compatible with Japanese language settings, including the instruction manual and customer service, making it easy for children, seniors, and those unfamiliar with technology to use.

3. SETUP

3.1. Initial Power On

Press and hold the power button located on the side of the tablet until the TECLAST logo appears. The tablet will boot up and guide you through the initial setup process.

Video: Unboxing and initial setup of the TECLAST P50Mini tablet, showing the power-on sequence and basic language selection.

3.2. Language Selection

During the initial setup, you will be prompted to select your preferred language. Choose " ( )" for Japanese or "English (United States)" for English. You can change this later in the system settings.

3.3. SIM and TF Card Installation

To install a SIM card for mobile network connectivity or a TF (microSD) card for expanded storage, locate the card slot on the side of the tablet. Use the provided SIM ejector tool to open the tray. Carefully place the SIM card and/or TF card into the tray as indicated, then reinsert the tray into the tablet.

Video: Instructions on how to properly insert a SIM card and TF card into the TECLAST P50Mini tablet.

4. OPERATING INSTRUCTIONS

4.1. Basic Navigation

The tablet operates using touch gestures. Swipe up from the bottom to access the app drawer, swipe down from the top for notifications and quick settings, and tap icons to open applications.

4.2. Screen Features

The 90Hz refresh rate provides a smoother visual experience, especially during scrolling and gaming. The adaptive sync display adjusts the refresh rate in real-time based on content to optimize power consumption and extend battery life. The anti-glare screen reduces reflections for comfortable viewing.

Image: The 90Hz refresh rate display of the TECLAST P50Mini, illustrating smooth motion.

4.3. Connectivity

The tablet supports Wi-Fi (802.11a/b/g/n/ac) for internet access and Bluetooth 5.0 for connecting wireless accessories like headphones or speakers. Navigate to Settings > Network & internet or Settings > Connected devices to manage these connections.

4.4. OTG Functionality

The P50Mini supports On-The-Go (OTG) functionality, allowing you to connect USB peripherals such as keyboards, mice, USB flash drives, and external SSDs directly to the tablet via the Type-C port. This expands the tablet's utility for various tasks.

4.5. Camera Usage

The tablet features a 5MP rear camera with autofocus and LED flash for clear photos, and a 2MP front camera for HD video calls. Open the Camera app to capture photos and videos.

Image: Close-up of the TECLAST P50Mini's rear camera and a demonstration of the front camera during a video call.

5. SPECIFICATIONS

Feature	Specification
Brand	TECLAST
Model Name	TECLAST P50Mini
Operating System	Android 16
Screen Size	8.7 inches
Resolution	1340x800 pixels
CPU Brand	Unisoc
CPU Speed	1.6 GHz
Graphics Card Type	Integrated
Memory Storage Capacity	128 GB
Wireless Type	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Rear Camera Resolution	5 MP
Front Camera Resolution	2 MP
Battery Life	15 Hours
Lithium Battery Energy Content	5000 Watt Hours
Item Weight	550 g

6. TROUBLESHOOTING

6.1. Device Not Powering On

Ensure the tablet is sufficiently charged. Connect it to the charger and wait a few minutes before attempting to power it on again. If the issue persists, try holding the power button for an extended period (10-15 seconds) to force a restart.

6.2. Wi-Fi Connectivity Issues

Check if Wi-Fi is enabled in the tablet's settings. Ensure you are within range of a known Wi-Fi network and that the password is correct. Restart your Wi-Fi router and the tablet, then try connecting again.

6.3. Slow Performance

Close unnecessary background applications. Clear the cache of frequently used apps. Ensure there is sufficient free storage space on the device. If performance remains slow, consider performing a factory reset (back up your data first).

7. MAINTENANCE

7.1. Cleaning the Device

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

7.2. Battery Care

To prolong battery life, avoid exposing the tablet to extreme temperatures. Do not let the battery completely drain frequently. It is recommended to keep the battery charge between 20% and 80% for optimal longevity.

7.3. Software Updates

Regularly check for and install software updates to ensure your tablet has the latest features, security patches, and performance improvements. Go to Settings > System > System updates to check for available updates.

8. PACKAGE CONTENTS

The TECLAST P50Mini package typically includes the following items:

- TECLAST P50Mini Tablet
- Power Adapter (may vary by region)
- USB Type-C Data Cable
- User Manual

- Warranty Card
- SIM Ejector Tool

Image: Visual representation of the items included in the TECLAST P50Mini product box.

9. WARRANTY AND SUPPORT

Your TECLAST P50Mini tablet comes with a manufacturer's warranty. Please refer to the included warranty card for specific terms and conditions. For technical support, product inquiries, or service requests, please contact TECLAST customer service. Contact information can typically be found on the official TECLAST website or in the provided documentation.