

## Acer A500-10S16u

# Acer Iconia Tab A500-10S16u 10.1-Inch Tablet User Manual

Model: A500-10S16u

## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, and maintaining your Acer Iconia Tab A500-10S16u tablet. Please read these instructions carefully to ensure proper use and to maximize the performance and lifespan of your device.

The Acer Iconia Tab A500-10S16u is a 10.1-inch tablet featuring the Android Honeycomb operating system. It is powered by a dual-core NVIDIA Tegra 2 CPU and includes an NVIDIA GeForce GPU for enhanced graphics performance. The tablet offers Wi-Fi connectivity, front and rear cameras, and various ports for expanded functionality.

## 2. PRODUCT OVERVIEW

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The Acer Iconia Tab A500-10S16u features a 10.1-inch multi-touch display and a durable metallic design. Key components include:

- **Display:** 10.1-inch WXGA (1280 x 800) capacitive touchscreen.
- **Processor:** NVIDIA Tegra 2 Dual Core Mobile Processor.
- **Graphics:** NVIDIA GeForce ULP GPU.
- **Memory:** 1GB DDR2 RAM.
- **Storage:** 16GB internal storage.
- **Cameras:** 5MP rear-facing camera with auto-focus, 2MP front-facing camera.
- **Connectivity:** 802.11b/g/n Wireless (2.4GHz only).
- **Ports:** Full-size USB 2.0, micro-HDMI, micro-USB, 3.5mm audio jack, microSD card slot.



Image: Front and rear view of the Acer Ionia Tab A500-10S16u, showcasing its metallic finish and overall design.



Image: Rear view of the Acer Ionia Tab A500-10S16u, highlighting the Acer logo, rear camera, and speaker grilles.



Image: The NVIDIA Tegra logo, indicating the tablet's processor technology.

### 3. SETUP

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## 3.1 Charging the Battery

Before initial use, fully charge the tablet's battery. Connect the provided AC adapter to the tablet's power port and then to a power outlet. The charging indicator will show the charging status. A full charge typically takes several hours.

## 3.2 Powering On/Off

- **To Power On:** Press and hold the Power button located on the side of the tablet until the Acer logo appears.
- **To Power Off:** Press and hold the Power button until a menu appears. Select "Power off" and confirm.
- **To Sleep/Wake:** Briefly press the Power button to put the tablet into sleep mode or wake it up.

## 3.3 Initial Configuration

Upon first power-on, the tablet will guide you through the initial setup process. This includes:

1. Selecting your language.
2. Connecting to a Wi-Fi network.
3. Setting up your Google account (required for accessing the Android Market and Google services).
4. Setting date and time.

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# 4. OPERATING THE TABLET

## 4.1 Touchscreen Navigation

The tablet's primary interaction is through its multi-touch display. Common gestures include:

- **Tap:** To select an item or open an application.
- **Touch and Hold:** To access contextual menus or move items.
- **Swipe:** To scroll through lists or switch between home screens.
- **Pinch-to-Zoom:** To zoom in or out on images and web pages.

## 4.2 Using Applications

Applications can be launched from the home screen or the Apps drawer. The Android Market (now Google Play Store) allows you to download and install additional applications.

## 4.3 Connecting USB Devices

The full-size USB 2.0 port allows you to connect various peripherals:

- **USB Flash Drives:** For transferring files.
- **Keyboards/Mice:** For easier text input and navigation.
- **External Hard Drives:** Supported for file access (ensure compatible formatting).

## 4.4 HDMI Output

Connect a micro-HDMI cable from the tablet to an external display (e.g., TV, monitor) to mirror your tablet's screen. This is useful for presentations or viewing media on a larger screen.

## 4.5 Using Cameras

The tablet includes a 5MP rear camera and a 2MP front camera. Open the Camera application to take photos

or record videos. The rear camera features auto-focus.



Image: The tablet displaying a golf game, demonstrating its graphical capabilities.



Image: The tablet displaying a racing game, showcasing its performance for interactive applications.

## 5. MAINTENANCE

### 5.1 Cleaning the Tablet

Use a soft, lint-free cloth to clean the screen and body of the tablet. Avoid using harsh chemicals or abrasive

materials, which can damage the surfaces.

## 5.2 Software Updates

Periodically check for system updates to ensure your tablet has the latest features and security patches. Updates are typically found in the tablet's Settings menu under "About tablet" or "System updates." The tablet originally shipped with Android 3.0 Honeycomb and may have updates available to versions 3.1 or 3.2.

## 5.3 Battery Care

To prolong battery life, avoid exposing the tablet to extreme temperatures. It is recommended to fully discharge and recharge the battery occasionally. If the tablet will not be used for an extended period, charge it to about 50% before storing.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Acer Iconia Tab A500-10S16u.

- **Tablet does not power on:** Ensure the battery is charged. Connect the AC adapter and try powering on again. If the issue persists, perform a hard reset by holding the power button for 10-15 seconds.
- **Wi-Fi connection issues:** Check if Wi-Fi is enabled in Settings. Ensure you are within range of a known network. Restart your Wi-Fi router and the tablet. Verify the Wi-Fi password if connecting to a new network.
- **Applications are crashing or unresponsive:** Close and restart the application. If the problem continues, clear the app's cache and data in Settings > Apps. As a last resort, uninstall and reinstall the application.
- **Slow performance:** Close unused applications. Clear cache data regularly. Consider performing a factory reset if performance significantly degrades (back up your data first).
- **Screen is unresponsive:** Restart the tablet. If the screen remains unresponsive, contact support.

For more detailed troubleshooting or issues not covered here, please refer to Acer's official support website.

## 7. SPECIFICATIONS

Below are the technical specifications for the Acer Iconia Tab A500-10S16u:

Feature	Specification
Model Number	A500-10S16u
Screen Size	10.1 Inches
Screen Resolution	1280 x 800 Pixels
Processor	1 GHz NVIDIA Tegra 2 Dual Core
RAM	1 GB DDR2
Hard Drive (Internal Storage)	16 GB
Graphics Coprocessor	NVIDIA Tegra (GeForce ULP)
Wireless Type	802.11b, 802.11g, 802.11n

Feature	Specification
USB 2.0 Ports	1 (Full-size)
Operating System	Android 3.0 Honeycomb
Item Weight	1.61 pounds
Product Dimensions	7 x 10.2 x 0.5 inches
Color	Silver
Rear Webcam Resolution	5 MP
Front Webcam Resolution	2 MP
Average Battery Life	8 Hours
Battery Type	Lithium Polymer

## 8. WARRANTY AND SUPPORT

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Your Acer Iconia Tab A500-10S16u is covered by a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Acer support website. The website also provides access to drivers, FAQs, and contact information for technical assistance. For further support, visit: [www.acer.com/support](http://www.acer.com/support)