

## VGKE B12

# VGKE B12 2-in-1 Touch-Screen Laptop User Manual

Model: B12

Brand: VGKE

## 1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your VGKE B12 2-in-1 Touch-Screen Laptop. The VGKE B12 is a versatile device designed for both productivity and entertainment, functioning as both a laptop and a tablet. It features a high-resolution 3K IPS touchscreen, an Intel Celeron J4125 processor, 8GB of RAM, and a 256GB SSD, ensuring smooth performance for various tasks.

Please read this manual thoroughly before using your device to ensure proper handling and to maximize its lifespan.

## 2. PACKAGE CONTENTS

Upon unboxing, please verify that all the following items are included in your package:

- VGKE B12 2-in-1 Touch-Screen Laptop (Tablet Unit)
- Detachable Magnetic Keyboard
- Power Adapter
- User Manual (this document)

If any items are missing or damaged, please contact VGKE customer support immediately.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components and ports of your VGKE B12 device.



Figure 3.1: VGKE B12 in Laptop Mode

This image displays the VGKE B12 laptop with its detachable keyboard attached, showcasing the full QWERTY keyboard and the large touchscreen display. The device is presented in its primary laptop configuration.



Figure 3.2: Side View and Processor Detail

A side view of the VGKE B12, emphasizing its thin profile. The image also includes the Intel Celeron Inside logo, indicating the processor type.



Figure 3.3: VGKE B12 in Stand Mode

The VGKE B12 tablet unit is shown with its integrated kickstand extended, allowing it to stand upright for viewing content without the keyboard.



Figure 3.4: Tablet and Keyboard Separated

This image illustrates the VGKE B12 tablet detached from its magnetic keyboard, highlighting the modular design of the 2-in-1 device.

### 3.1. Ports and Buttons

- **Power Button:** Located on the side, used to turn the device on/off or put it to sleep.
- **Volume Buttons:** Adjust the audio output level.
- **USB Type-C Ports (x2):** Full-functional ports for charging, data transfer, and video output.
- **3.5 mm Headphone Jack:** For connecting headphones or external speakers.
- **MicroSD Card Slot:** For expanding storage (location may vary slightly).
- **Front Camera:** 2MP camera for video calls and photos.

## 4. SETUP

### 4.1. Initial Charging

Before first use, it is recommended to fully charge your VGKE B12. Connect the provided power adapter to one of the USB Type-

C ports on the device and plug it into a power outlet. The charging indicator light will illuminate.

## 4.2. Attaching the Keyboard

The detachable keyboard connects magnetically to the bottom edge of the tablet unit. Align the magnetic connectors on the keyboard with the corresponding pins on the tablet until they snap into place securely.



Figure 4.1: Keyboard Magnetic Connection

A detailed view of how the detachable keyboard connects magnetically to the VGKE B12 tablet, showing the alignment of the connection pins.

## 4.3. First Boot and Windows Setup

Press and hold the Power button until the screen illuminates. The device will boot into the Windows 11 setup process. Follow the on-screen instructions to configure your language, region, network connection, and user account.

# 5. OPERATING INSTRUCTIONS

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## 5.1. Using the Touchscreen

The VGKE B12 features a highly responsive 3K IPS touchscreen. You can interact with the device using touch gestures similar to a smartphone or tablet:

- **Tap:** Equivalent to a mouse click.
- **Tap and Hold:** Equivalent to a right-click.
- **Swipe:** For scrolling or navigating.
- **Pinch-to-Zoom:** Use two fingers to zoom in or out.

## 5.2. Keyboard and Touchpad Usage

When the keyboard is attached, it functions as a standard laptop keyboard and touchpad. The touchpad supports multi-touch gestures for navigation and control.

- **Function Keys (Fn):** Use the 'Fn' key in combination with the F1-F12 keys for special functions like brightness control, volume adjustment, and Wi-Fi toggle.
- **Touchpad Gestures:** Refer to Windows 11 settings for a full list of supported touchpad gestures.

## 5.3. Wireless Connectivity

Your device supports Wi-Fi 5 (802.11ac) and Bluetooth 4.2.

- **Wi-Fi:** To connect to a wireless network, click the Wi-Fi icon in the taskbar, select your desired network, and enter the password if required.
- **Bluetooth:** To pair Bluetooth devices, go to Windows Settings > Bluetooth & devices, turn on Bluetooth, and select "Add device".

## 5.4. Battery Management

The VGKE B12 is equipped with a 3500mAh lithium battery, providing up to 8.5 hours of use. To optimize battery life:

- Adjust screen brightness.
- Close unused applications.
- Enable Battery Saver mode in Windows settings.
- Avoid extreme temperatures.

## 6. MAINTENANCE AND CARE

Proper care will extend the life of your VGKE B12 laptop.

- **Cleaning:** Use a soft, lint-free cloth for cleaning the screen and body. For stubborn marks, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals.
- **Temperature:** Operate the device within recommended temperature ranges (typically 0°C to 35°C / 32°F to 95°F). Avoid direct sunlight or extreme cold.
- **Storage:** If storing the device for an extended period, ensure the battery is charged to about 50% and store it in a cool, dry place.
- **Physical Protection:** Protect the device from drops, impacts, and excessive pressure.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Device does not power on.	Low battery; power adapter issue.	Connect to power adapter and allow to charge for at least 30 minutes. Try a different outlet.

Problem	Possible Cause	Solution
Touchscreen is unresponsive.	Software glitch; screen protector interference.	Restart the device. Ensure the screen is clean. Remove any thick screen protectors.
Keyboard not detected.	Improper connection; software issue.	Detach and reattach the keyboard, ensuring a firm magnetic connection. Restart the device.
Wi-Fi connection issues.	Router problem; incorrect password; driver issue.	Restart your router. Re-enter Wi-Fi password. Update Wi-Fi drivers via Device Manager.

For issues not listed here, please refer to the official VGKE support website or contact customer service.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	B12
Processor	Intel Celeron J4125 (4 Cores, up to 2.7 GHz)
Graphics Coprocessor	Intel UHD Graphics 600
RAM	8GB LPDDR4
Storage	256GB SSD
Display	12.3-inch WQHD (3000 x 2000) IPS Touchscreen
Operating System	Windows 11
Wireless Connectivity	Wi-Fi 5 (802.11ac), Bluetooth 4.2
Ports	2 x Full-functional USB Type-C, 1 x 3.5mm Headphone Jack
Front Camera	2MP
Battery	3500mAh Lithium, up to 8.5 hours
Dimensions (LxWxH)	10.8 x 7.83 x 0.36 inches
Item Weight	1.7 lbs (tablet only), 3.61 lbs (with keyboard)
Color	Metallic Silver

## 9. WARRANTY AND SUPPORT

Your VGKE B12 2-in-1 Touch-Screen Laptop comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official VGKE website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact VGKE customer support through their official website or the contact information provided in your product documentation. Ensure you have your model number (B12) and purchase details ready when contacting support.

**Official VGKE Store:** Visit [VGKE Store on Amazon](#)

Documents - VGKE – B12



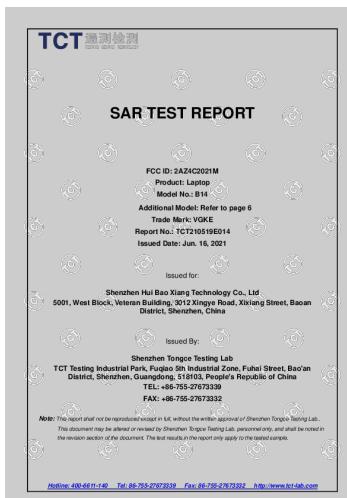
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Statement USER Model Shenzhen Hui Bao Xiang Technology Co Ltd 2021M Laptop 2AZ4C2021M  
2021m

Shenzhen Hui Bao Xiang Technology Co., Ltd 5001, West Block, Veteran Building,  
3012 Xingye Road, Xixiang Street, Baoan District, Shenzhen, China Statement

Product: Laptop Model: B14 Additional Model: B10, B10 S, B10 Plus, B10 Pro, B10 Air, B11, B11 S, B11 Plus, B11 Pro, B11 Air, **B12, B12 S, B12 Plus**

lang:en score:15 filesize: 74.07 K page\_count: 1 document\_date: 2021-07-13



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CE EMC TEST REPORT Harris SAR Test Report Shenzhen Hui Bao Xiang Technology Co Ltd 2021M  
Laptop 2AZ4C2021M 2021m

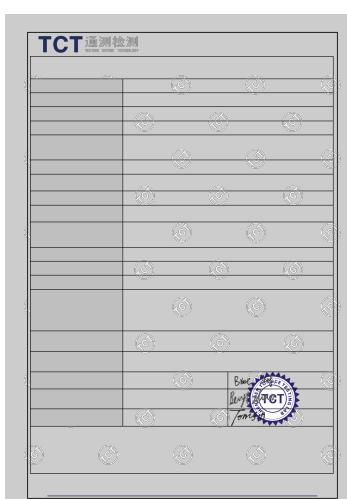
SAR TEST REPORT FCC ID: 2AZ4C2021M Product: Laptop Model No.: B14

Additional Model: Refer to page 6 ... ration: Laptop B14 B10, B10 S, B10 Plus, B10

Pro, B10 Air, B11, B11 S, B11 Plus, B11 Pro, B11 Air, **B12, B12 S, B12 Plus, B12**

Pro, **B12** Air, B13, B13 S, B13 Plus, B13 Pro, B13 Air, B14 S, B14 Plus, B14...

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[pdf] Test Report

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2AZ4C2021M 2021m

TEST REPORT FCC ID. .... : 2AZ4C2021M Test Report No. .... :  
TCT ... tested with 1 B14 B10, B10 S, B10 Plus, B10 Pro, B10 Air, B11, B11 S, B11  
Plus, B11 Pro, B11 Air, **B12**, **B12 S**, **B12 Plus**, **B12 Pro**, **B12 Air**, B13, B13 S, B13  
Plus, B13 Pro, B13 Air, B14 S, B14 Plus, B14

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