

Bigme B1051-Color

Bigme 10.3" Color E-Ink Read-Write Tablet User Manual

Model: B1051-Color

1. INTRODUCTION

Welcome to the user manual for your Bigme 10.3" Color E-Ink Read-Write Tablet, Model B1051-Color. This advanced ePaper device is designed for an optimal reading and writing experience, combining the benefits of a paper-like display with the versatility of a modern computer tablet. Featuring a vibrant Kaleido 3 E-ink screen, powerful octa-core processor, and intelligent AI functions, the B1051-Color is ideal for note-taking, document management, and immersive reading.



Figure 1.1: Bigme 10.3" Color E-Ink Tablet in use with its digital stylus.

2. WHAT'S IN THE BOX

Upon unboxing your Bigme B1051-Color tablet, please ensure all the following items are present:

- Bigme E-ink Tablet (B1051-Color)
- New Generation Stylus
- Quick Guide
- Type-C Adapter (Charging Cable)
- Protective Case



Figure 2.1: All items included in the Bigme B1051-Color product package.

3. SETUP GUIDE

3.1 Initial Power On and Setup

To begin using your tablet, press and hold the power button located on the side until the Bigme logo appears. Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and complete the initial Android 14 setup. Ensure the tablet is sufficiently charged before first use.

3.2 Fingerprint Unlocking

For enhanced security and quick access, you can set up fingerprint unlocking. Navigate to *Settings > Security & privacy > Fingerprint unlock* and follow the instructions to register your fingerprints. The fingerprint sensor is integrated into the power button.

Your browser does not support the video tag.

Video 3.1: Demonstrating the fingerprint unlocking feature of the Bigme B1051-Color tablet.

3.3 Connecting the Keyboard Case

The protective leather case includes an integrated portable keyboard. To connect, simply align the tablet with the magnetic connectors on the case. The keyboard will automatically connect, allowing for a more traditional typing experience for productivity tasks.



Bigme E-Ink Tablet B1051C

10.3-inch Kaleido3 Color Display.
Perfect for holiday gifts and business offices.

Figure 3.1: Bigme B1051-Color tablet with its integrated keyboard case, suitable for both personal and professional use.

4. OPERATING INSTRUCTIONS

4.1 Display Features

The Bigme B1051-Color features a 10.3-inch Kaleido 3 E-ink display, offering a paper-like reading experience with reduced eye strain. It supports high frame refresh rates and auto ghosting technology for smooth page turns and content display. The 36-level adjustable color temperature brightness allows for comfortable reading in various lighting conditions, day or night.

4.2 Digital Stylus Usage

The included digital stylus is an electromagnetic pen that requires no charging. It features a built-in eraser sensor for convenient corrections. The stylus attaches magnetically to the B1051-Color tablet for easy storage and transport. Use it for precise note-taking, drawing, and interacting with the tablet's interface.

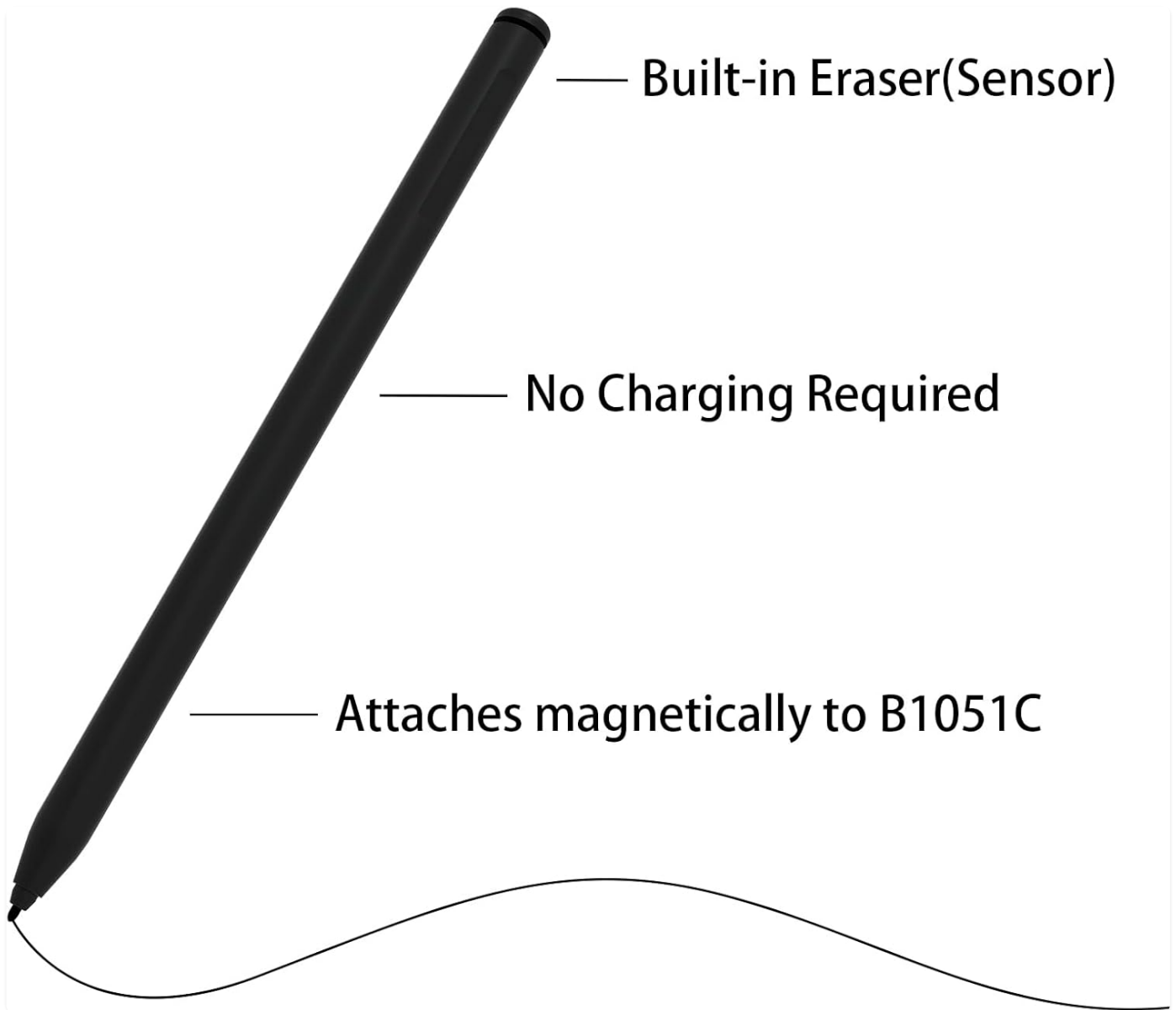


Figure 4.1: Key features of the Bigme digital stylus.

4.3 Smart Functions (AI Features)

The tablet is equipped with rich intelligent functions to enhance your productivity:

- **Intelligent Speech Recognition:** Convert spoken words directly to text with over 98% accuracy, supporting 37 countries' languages. This is ideal for recording meetings or lectures.

- **AI Summary:** Automatically summarize long texts or meeting notes for quick review of key points.
- **Smart Q&A and Composition:** Utilize the Bigme GPT 4.0 feature for intelligent question-and-answer sessions and to assist with content creation and composition.
- **Smart Painting:** Generate images based on text descriptions, offering a creative tool for visual content.
- **Smart Translation:** Translate text or voice between multiple languages directly on the device.

Speech-To-Text Function

Easily and efficiently record meetings,
recognizing up to 36 languages



Figure 4.2: The tablet's speech-to-text function in action during a meeting.

4.4 Document Management and Scanning

The 8-megapixel rear-facing camera allows for document scanning. The OCR (Optical Character Recognition) Intelligent Recognition System can easily organize and recognize text, charts, and graphs from scanned documents, making them editable and searchable. The tablet supports over 20 different file image formats, including EPUB, FB2, DOC, DJVU, and JPEG, eliminating the need for file conversion.

4.5 Reading and Note-Taking

Enjoy comfortable reading of comics or eBooks for hours without backlight, glare, or eye strain. The tablet supports left/right screen rotation, full font size and margin customization, and landscape mode for personalized viewing. Use the digital stylus to take handwritten notes directly on documents or in dedicated note-taking applications.

5. MAINTENANCE

5.1 Battery Management

The built-in 3700mAh battery provides approximately a week of operation on a single charge, depending on usage. The E-ink screen technology is energy-efficient, contributing to extended battery life. To maximize battery longevity, avoid extreme temperatures and use the provided Type-C charging cable.

5.2 Eye Care Features

The E-ink display is designed to be eye-friendly, reducing the digital eye strain commonly associated with traditional backlit screens. The 36-level adjustable color temperature allows you to customize the screen's warmth to suit your environment and personal preference, further enhancing visual comfort during prolonged use.

An eye-friendly reading experience

Comfortably read comic or ebooks for hours on end without backlight, glare, or eye strain.



Figure 5.1: The Bigme tablet offers an eye-friendly reading experience.

6. TROUBLESHOOTING

If you encounter any issues with your Bigme B1051-Color tablet, please refer to the following common troubleshooting tips:

- **Device Not Responding:** Press and hold the power button for 10-15 seconds to perform a forced restart.

- **Screen Flickering/Ghosting:** The E-ink display may show slight ghosting, which is normal. The tablet's auto ghosting technology minimizes this. If persistent, try a full screen refresh (often an option in display settings).
- **Stylus Not Responding:** Ensure the stylus is clean and free of debris. If the issue persists, try restarting the tablet. The stylus does not require charging.
- **Wi-Fi Connectivity Issues:** Check your router and ensure the tablet is within range. Try forgetting the network and reconnecting.
- **Applications Crashing:** Ensure your applications are updated to their latest versions. Clear the app's cache or reinstall if necessary.
- **Slow Performance:** Close unused applications running in the background. Consider clearing cache data or performing a factory reset as a last resort (back up your data first).

For more complex issues, please contact Bigme customer support.

7. SPECIFICATIONS

Below are the detailed technical specifications for the Bigme 10.3" Color E-Ink Read-Write Tablet, Model B1051-Color:

Feature	Detail
Model Name	B1051-Color
Screen Display Size	10.3 inches
Screen Resolution	2480 x 1860 (300 Pixels Per Inch)
Operating System	Android 14 (Open System)
Processor	Octa-core 2.4GHZ
RAM	6GB
Internal Storage	128GB ROM
Expandable Storage	Supports TF card up to 1TB
Rear Camera	8 Megapixels
Battery	3700mAh Lithium Polymer (approx. 168 hours average battery life)
Connectivity	Dual-band Wi-Fi (802.11g), Bluetooth
Dimensions (LxWxH)	9.31 x 0.22 x 7.26 inches
Item Weight	2.82 pounds
Color	Colorful

8. WARRANTY AND SUPPORT

Your Bigme B1051-Color tablet comes with a standard manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included in your product packaging or visit the official Bigme website. Keep your proof of purchase for warranty claims.

For technical support, product inquiries, or service requests, please contact Bigme customer service through their official channels. You can also visit the [Bigme Store on Amazon](#) for additional information and resources.

Documents - Bigme – B1051-Color

[illegible]

[\[pdf\]](#) Decleration of Conformity

Declaration Letter of Model Difference Bigme Cloud Literacy Technology Co Ltd B1051 AINote 2A8EM
2A8EMB1051 b1051

Bigme Cloud Literacy Technology Co., Ltd. Add: 01 18F., COFCO PROPERTY TOWER, BAOMIN NO.1RD., BAO AN 3RD DISTRICT, SHENZHEN, CHINA Date: 2024-10-30 FCC ID: 2A8EM-B1051 Dear Sir/Madam, We, Bigme Cloud Literacy Technology Co., Ltd. Hereby declares the following statement for Federal Communications Com...




lang:de score:29 filesize: 87.6 K page_count: 1 document date: 2024-11-14

	Shenzhen Toby Technology Co., Ltd.	
Report No.: TBR-C-202410-0003-B		Page: 1 of 38
Date: 2024.10.24		
Report Title: RF Test Report		
FCC ID: 2ABEM-B1051		
Test Item: RF Test		
Test Method: EMC Test		
Test Result: Pass		
Test Date: 2024.10.24		
Test Location: Shenzhen Toby Technology Co., Ltd.		
Test Equipment: EMC Test Equipment		
Test Environment: EMC Test Environment		
Test Personnel: John Lee, Victor Li, Vivian Li		
Test Report No.: TBR-C-202410-0003-B		
Test Report Title: RF Test Report		
Test Report Date: 2024.10.24		
Test Report Location: Shenzhen Toby Technology Co., Ltd.		
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Test Report BLE Bigme Cloud Literacy Technology Co Ltd B1051 2A8EM 2A8EMB1051 b1051
Shenzhen Toby Technology Co., Ltd. Report No.: TBR-C-202410-0003-8 Page: 1 of
36 RF Test Report FCC ID: 2A8EM-B1051 Report No. : TBR-C-202410-0003-8
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EUT Name : AINote Model No. : B1051 Series Model No. : ...

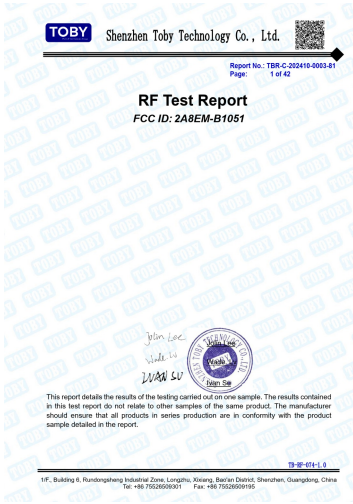
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	Shenzhen Toby Technology Co., Ltd.	
<hr/>		Report No.: TBR-C-202415-0003-B2 Page: 1 of 36
<h2 style="text-align: center;">RF Test Report</h2> <h3 style="text-align: center;">FCC ID: 2ABEM-B1051</h3>		
<div style="text-align: center;">  </div>		
<p> This report details the results of the testing carried out on <u>2ABEM-B1051</u>. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report. </p>		
<hr/> <div style="display: flex; justify-content: space-between;"> 14F, Building 6, Runderpheng Industrial Zone, Longgong, Pingtang, Baofu District, Shenzhen, Guangdong, China Tel: +86 75526509901 Fax: +86 75526509915 </div> <div style="text-align: right; margin-top: 10px;"> TS-01-014-1.0 </div>		

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Test Report 2 4G WiFi Bigme Cloud Literacy Technology Co Ltd B1051 2A8EM 2A8EMB1051 b1051
Shenzhen Toby Technology Co., Ltd. Report No.: TBR-C-202410-0003-82 Page: 1 of
36 RF Test Report FCC ID: 2A8EM-B1051 Report No. : TBR-C-202410-0003-82
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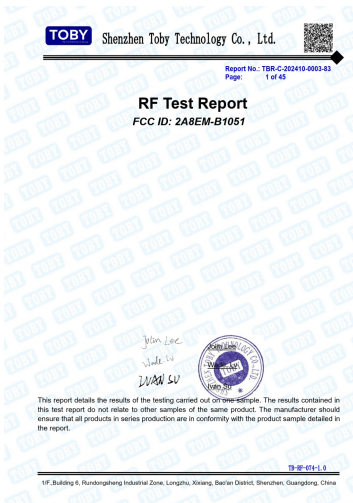
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FCC Test Report BT Bigme Cloud Literacy Technology Co Ltd B1051 AiNote 2A8EM 2A8EMB1051 b1051

Shenzhen Toby Technology Co., Ltd. Report No.: TBR-C-202410-0003-81 Page: 1 of 42 RF Test Report FCC ID: 2A8EM-B1051 Report No. : TBR-C-202410-0003-81

Applicant : Bigme Cloud Literacy Technology Co., Ltd. Equipment Under Test EUT EUT Name : AiNote Model No. : B1051 Series Model No. ...

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[pdf] Declaration of Conformity Test Report

FCC Test Report 5G WiFi Bigme Cloud Literacy Technology Co Ltd B1051 AiNote 2A8EM 2A8EMB1051 b1051

Shenzhen Toby Technology Co., Ltd. Report No.: TBR-C-202410-0003-83 Page: 1 of 45 RF Test Report FCC ID: 2A8EM-B1051 Report No. : TBR-C-202410-0003-83

Applicant : Bigme Cloud Literacy Technology Co., Ltd. Equipment Under Test EUT EUT Name : AiNote Model No. : B1051 Series Model No. ...

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