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- › [AKEEYO](#) /
- › [NiZ Atom66-1M Wired Keyboard User Manual](#)

AKEEYO NiZ-Atom66-1M

NiZ Atom66-1M Wired Keyboard User Manual

Model: NiZ-Atom66-1M

INTRODUCTION

Thank you for purchasing the NiZ Atom66-1M Wired Keyboard. This compact 66-key keyboard features advanced electrostatic capacitive non-contact switches, offering a unique and comfortable typing experience. Designed for versatility, it supports multiple operating systems and provides extensive customization options through dedicated software. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new keyboard.



Figure 1: NiZ Atom66-1M Wired Keyboard Overview.

The image displays the NiZ Atom66-1M wired keyboard, featuring a compact 66-key layout with a white frame and a mix of white and grey keycaps. The USB-C cable is visible extending from the top left.

SETUP

Package Contents

- NiZ Atom66-1M Wired Keyboard
- USB-C Cable (detachable)
- Keycap Puller
- MAC-specific Keycaps
- 10g Pressure Springs (x10)
- User Manual (this document)

Connecting the Keyboard

The NiZ Atom66-1M keyboard connects via a detachable USB Type-C cable, ensuring a stable and reliable connection without input lag. This design is ideal for professional use and gaming environments.

1. Locate the USB Type-C port on the back of the keyboard.
2. Connect one end of the provided USB Type-C cable to the keyboard.
3. Connect the other end of the USB Type-A connector to an available USB port on your computer or device.
4. The keyboard features grooves on the underside allowing the cable to be routed in three directions (left, center, right) for optimal desk organization.

正面



製品型番：Atom66-1m（有線）

重量：550G

サイズ：299×110×36mm

側面



背面

299mm



Figure 2: USB Type-C Cable Connection and Routing.

This image shows the detachable USB Type-C port on the back of the keyboard, illustrating how the cable can be routed in three different directions (left, center, right) through integrated grooves for a tidy setup.

Operating System Compatibility

The NiZ Atom66-1M keyboard is designed for broad compatibility, supporting various operating systems. It can be used with Windows, macOS, Android, and Linux devices. For Windows users, dedicated software is available for advanced

USBケーブル着脱式

筐体裏面に3方向からケーブルの引き回しが可能な溝を設けていますので、マウスやその他周辺機器と併用の際、ケーブル配線の自由度が各段にアップします。

USB Type-C ⇔ USB Type-A

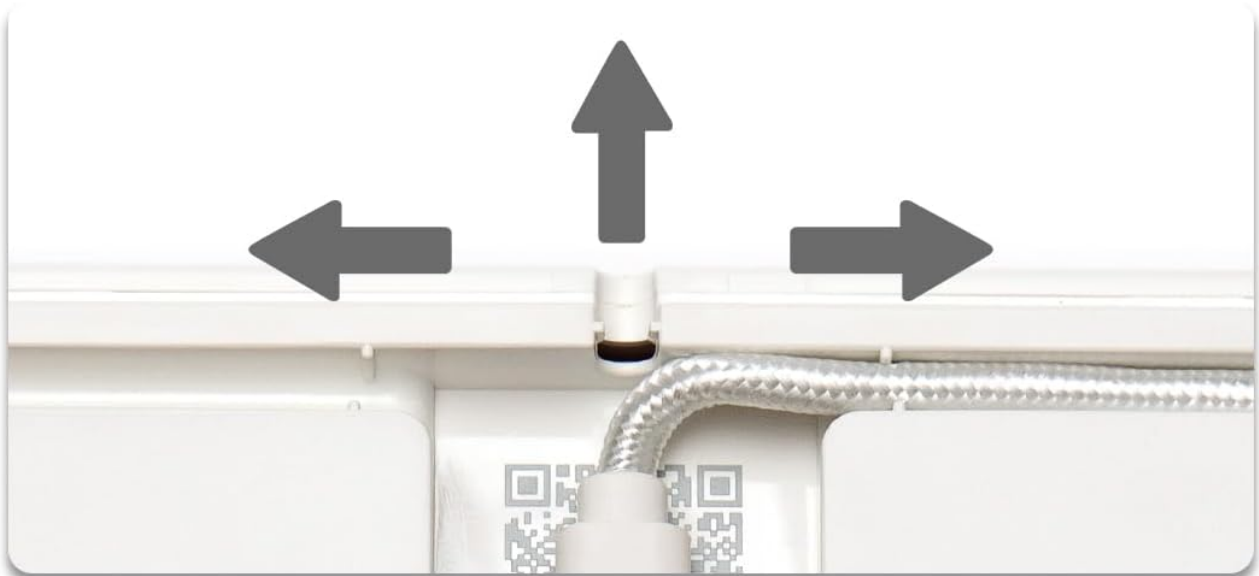


Figure 3: OS Compatibility.

The image displays icons representing Android, iOS, Mac, and Windows operating systems, indicating the keyboard's broad compatibility across these platforms.

OPERATING THE KEYBOARD

Electrostatic Capacitive Non-Contact Switches

The keyboard utilizes electrostatic capacitive non-contact switches, providing a quiet yet tactile typing experience. This technology ensures no physical contact is made upon key actuation, leading to increased durability and a smooth feel. The standard key weight is 35g, but it can be adjusted to 45g by adding the included pressure springs to suit your preference.

専用ソフトウェアによるカスタマイズ

Windows専用のソフトを使うことで自分の好きなキー配列に変更
することができるプログラムモードがあります。

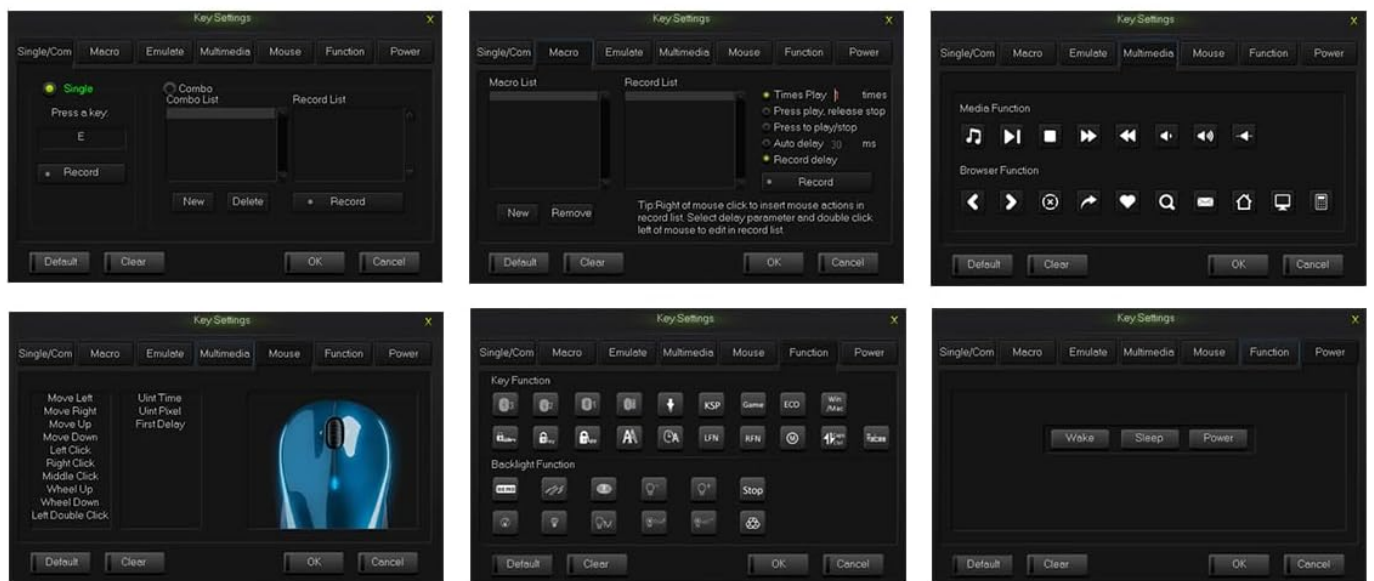
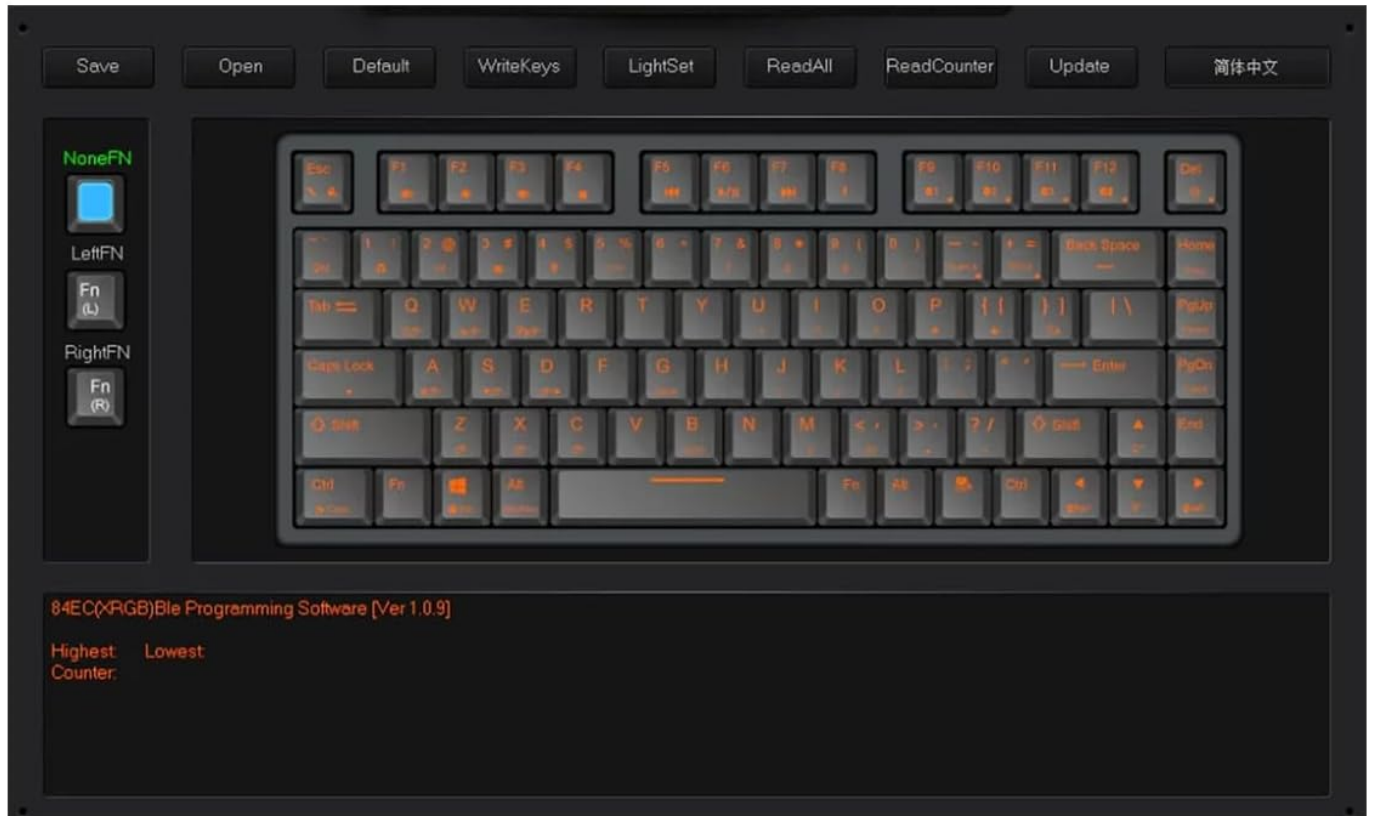


Figure 4: Electrostatic Capacitive Switch Mechanism.

This diagram illustrates the difference between traditional membrane switches and electrostatic capacitive non-contact switches. It shows that the latter operates without physical contact, reducing wear and tear.

To change the key weight from 35g to 45g, carefully remove the keycap using the provided keycap puller. Place one of

the 10g pressure springs onto the switch stem, then reattach the keycap. This modification allows you to customize the typing feel.



キー荷重を35g→45gに変更可能
荷重調整用スプリングをキートップの中に入れることで、キー荷重を変更できます。



Cherry MXキースイッチと互換性有り
様々なカスタムキーキャップと交換して使うことができます。

Figure 5: Adjusting Key Weight and Keycap Compatibility.

This image demonstrates how to increase the key weight by adding a spring inside the keycap. It also highlights the keyboard's compatibility with Cherry MX keycaps, allowing for various customization options.

FN Key Combinations

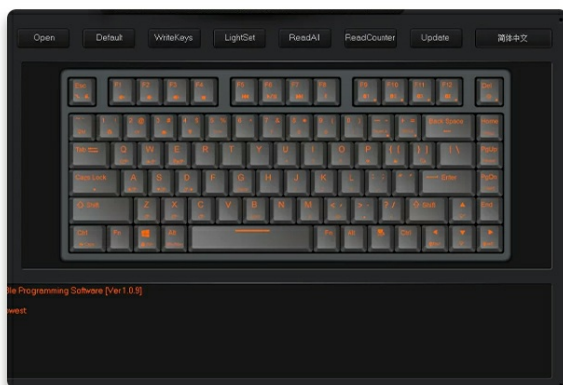
The keyboard features independent Left FN and Right FN keys, which can be combined with other keys to activate various functions. This compact design allows for a wide range of functionalities without requiring a full-sized layout. Refer to the dedicated software section for customizing these combinations.

N-Key Rollover (NKRO)

The NiZ Atom66-1M supports N-Key Rollover, meaning every key press is registered accurately, even when multiple keys are pressed simultaneously. This feature is crucial for fast typists and gamers, preventing missed inputs.

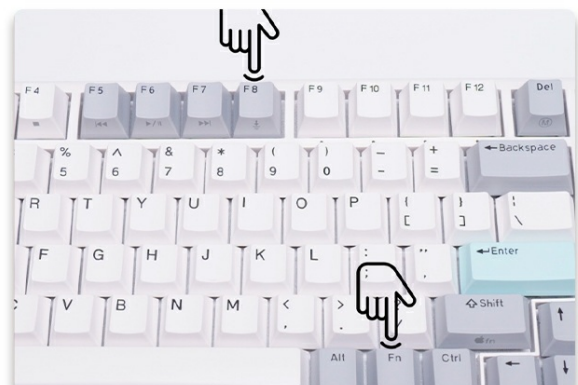
APC (Actuation Point Changer) Function

The APC function allows you to adjust the actuation point of each key switch across four levels of depth. This means you can customize how sensitive each key is, which can be particularly beneficial for gaming, allowing for faster response times depending on the game content.



専用ソフト

Windows専用のソフトウェアを使うことで、自身が使いやすいキー配列にカスタマイズできます。



APC機能

キースイッチのオン位置を調節できるAPC (アクチュエーションポイントチェンジャー) の機能を搭載しております。

Figure 6: Dedicated Software and APC Function.

This image shows a screenshot of the NiZ dedicated software interface for customizing key layouts and functions. It also illustrates the APC (Actuation Point Changer) function, allowing users to adjust the key's actuation point.

Customization with Dedicated Software

The NiZ Atom66-1M keyboard is highly customizable through its dedicated Windows software. This software allows you to:

- Change key assignments and layout.
- Assign custom functions to individual keys.
- Save configurations directly to the keyboard's onboard memory.
- Manage multiple profiles (Program 1/2/3).

To download the software, please visit the official AKEEYO website or refer to the product page where you purchased the keyboard for a download link. Install the software on your Windows PC to unlock the full customization potential of your keyboard.

MAINTENANCE

Cleaning the Keyboard

Regular cleaning helps maintain the performance and appearance of your keyboard. The keycaps are made of durable PBT material.

- **General Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and frame. Avoid excessive moisture.
- **Deep Cleaning:** For thorough cleaning, you can remove the keycaps using the provided keycap puller. Clean the keycaps with mild soap and water, then dry them completely before reattaching. Use compressed air to clear debris from under the keycaps.



Figure 7: Keycap Removal for Maintenance.

This image shows a detached keycap and the underlying switch, illustrating how keycaps can be removed for cleaning or replacement. The PBT material of the keycaps is durable and resistant to shine.

TROUBLESHOOTING

If you encounter issues with your NiZ Atom66-1M keyboard, please refer to the following common solutions:

- **Keyboard Not Responding:**
 - Ensure the USB-C cable is securely connected to both the keyboard and your computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Test the keyboard on another computer to rule out a system-specific issue.
 - If using a USB hub, try connecting directly to the computer.

- **Keys Not Registering or Double Typing:**

- Check for any debris under the affected keycap. Remove the keycap and clean the switch area.
- Ensure the dedicated software is not interfering with key inputs. Try resetting the keyboard settings via the software to default.

- **Customization Software Issues:**

- Ensure you have downloaded the correct software version for your keyboard model.
- Run the software as an administrator.
- Temporarily disable any antivirus or firewall software that might be blocking the application.

If the problem persists after trying these steps, please contact customer support for further assistance.

SPECIFICATIONS

Feature	Description
Brand	AKEEYO
Model Number	NiZ-Atom66-1M
Connectivity Technology	USB-C (Wired)
Key Count	66 Keys
Switch Type	Electrostatic Capacitive Non-Contact
Key Weight	35g (Adjustable to 45g with included springs)
Keycap Material	PBT
Compatibility	Windows, macOS, Android, Linux
Dimensions	37.1 x 18.4 x 4.9 cm
Weight	920 g
Special Features	Detachable USB Cable, Customizable Keys, APC Function, N-Key Rollover

指や腕への負荷を抑える 静電容量無接点方式スイッチ


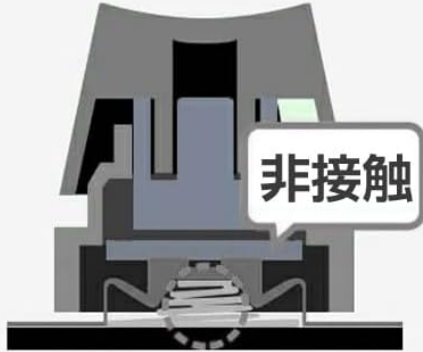
	メンブレン方式	静電容量無接点方式
入力の仕組み	 <p>接触</p> <p>下の接点シートが触れ合い、キー押下を認識</p>	 <p>非接触</p> <p>バネ内の静電容量の変化でキー押下を認識</p>
負荷	重い(50~60G程度)	軽い(35G)



Figure 8: Keyboard Dimensions.

This image provides detailed views of the keyboard from the front, side, and back, along with its precise dimensions (299mm length, 110mm width, 36mm height).

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official AKEEYO website. Our customer service team is available to assist you with any questions or issues you may have regarding your NiZ Atom66-1M keyboard.

Contact Information: Please refer to the contact details provided on the AKEEYO official website or your purchase receipt.

