Keychron B1 Pro

Keychron B1 Pro Ultra-Slim Wireless Keyboard User Manual

Model: B1 Pro

1. PACKAGE CONTENTS

Verify that all items are present in your Keychron B1 Pro package:

- 1x Keychron B1 Pro Keyboard
- 1x Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Type-A 2.4GHz Receiver
- 1x Protective Silicone Skin

Image 1.1: Contents of the Keychron B1 Pro package, including the keyboard, Type-C cable, Type-A to Type-C adapter,

2. PRODUCT OVERVIEW

The Keychron B1 Pro is an ultra-slim wireless keyboard designed for versatility and portability. It supports multiple connection modes and operating systems.

Image 2.1: The Keychron B1 Pro Ultra-Slim Wireless Keyboard.

Image 2.2: Summary of Keychron B1 Pro features including 8 months battery life, ultra-slim design, 2.4GHz & Bluetooth connectivity, Mac & Windows compatibility, 1000 Hz polling rate, scissor mechanism, 425g lightweight design, and ZMK support.

3. SETUP

3.1 Charging the Keyboard

The keyboard comes with a built-in rechargeable battery. Before first use, or when the battery is low, connect the keyboard to a power source using the provided Type-C cable.

- Connect the Type-C end of the cable to the keyboard's charging port.
- Connect the USB-A end to a computer's USB port or a USB wall adapter.
- The charging indicator light will show the charging status.

3.2 Selecting Operating System Mode

The B1 Pro keyboard is compatible with macOS, Windows, and Linux. Use the OS switch located on the side of the keyboard to select the correct operating system mode.

Compatible with macOS Windows and Linux

Image 3.1: Close-up of the physical switches on the side of the keyboard for selecting operating system (macOS/Windows) and connection mode (Bluetooth, Cable, 2.4G).

3.3 Connecting the Keyboard

The Keychron B1 Pro supports three connection modes: 2.4 GHz Wireless, Bluetooth, and Wired (USB Type-C).

Image 3.2: Overview of connectivity options: Bluetooth 5.1, 2.4 GHz Wireless, and Type-C Wired.

3.3.1 2.4 GHz Wireless Connection

1. Locate the 2.4GHz receiver (USB dongle) included in the package.
2. Plug the 2.4GHz receiver into an available USB port on your computer.
3. Slide the connection mode switch on the keyboard to the "2.4G" position.
4. The keyboard should automatically connect.

3.3.2 Bluetooth Connection

1. Slide the connection mode switch on the keyboard to the "BT" (Bluetooth) position.
2. On your device (computer, tablet, smartphone), enable Bluetooth and search for new devices.
3. Select "Keychron B1 Pro" from the list of available devices to pair.
4. Follow any on-screen prompts to complete the pairing process.

3.3.3 Wired Connection

1. Connect the Type-C end of the cable to the keyboard's port.
2. Connect the USB-A end (or Type-C with adapter) to your computer's USB port.
3. Slide the connection mode switch on the keyboard to the "Cable" position.

4. The keyboard will function as a wired device and charge simultaneously.

4. OPERATING INSTRUCTIONS

4.1 Key Remapping and Macros

The Keychron B1 Pro supports key remapping and macro creation through the Keychron Launcher web application or ZMK firmware.

1. Ensure your keyboard is connected to your computer.
2. Open a compatible web browser (Chrome, Edge, Opera) and navigate to the Keychron Launcher website.
3. Follow the on-screen instructions to customize key assignments and create macros. No software download is required.
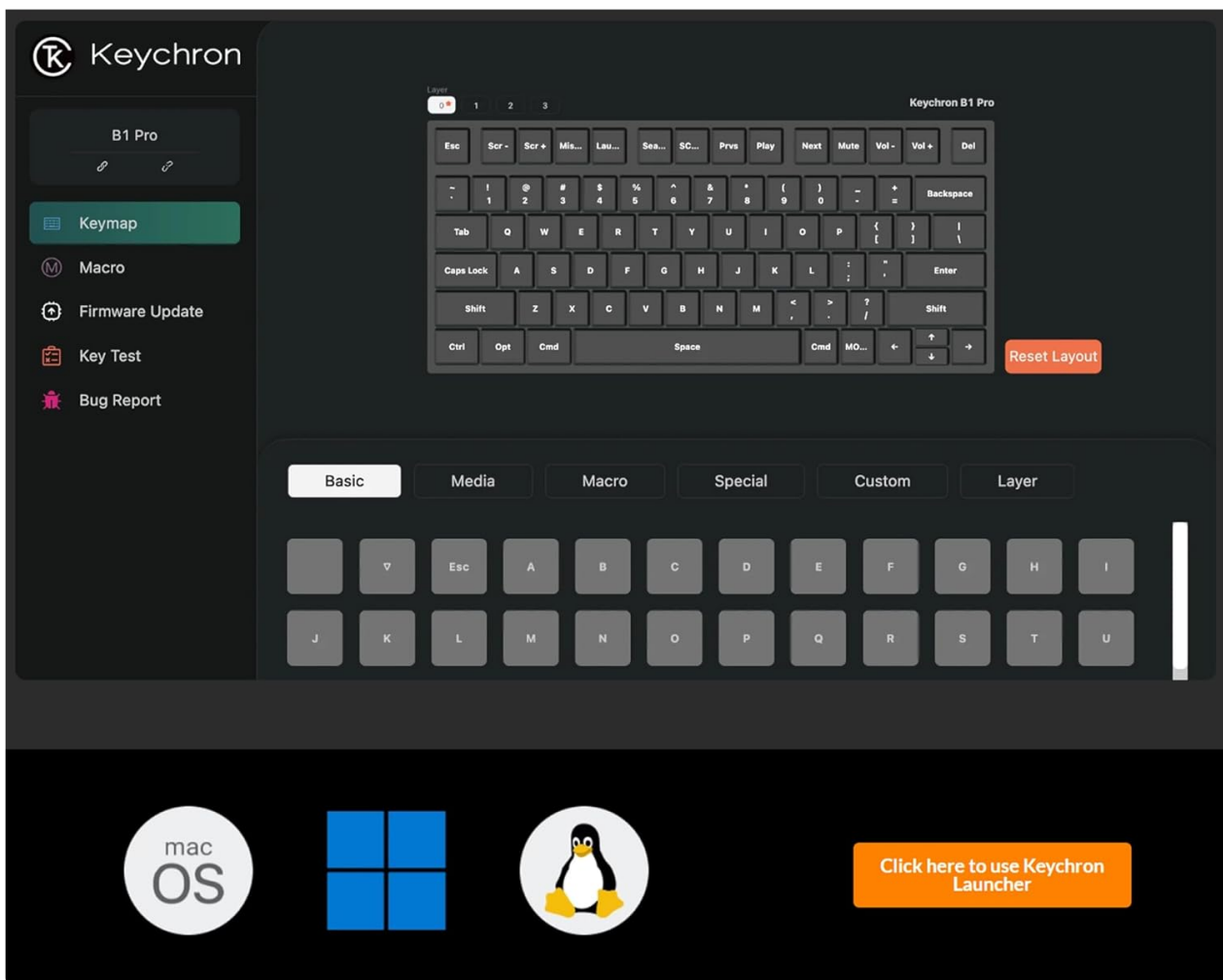

Image 4.1: Screenshot of the Keychron Launcher web application interface for remapping keys and macros on the B1 Pro keyboard.

4.2 Special Functions

The keyboard includes dedicated function keys and shortcuts for enhanced productivity.

- **Function Keys (F1-F12):** These keys perform multimedia and system functions. The primary function can be accessed directly, while the secondary function (F1-F12) is typically accessed by holding the **Fn** key.
- **Emoji Shortcut:** Press **Fn + Shift** to quickly access emoji input on compatible operating systems.

Image 4.2: Illustration demonstrating the Fn + Shift key combination for quick access to emojis.

5. MAINTENANCE

5.1 Cleaning the Keyboard

To maintain the keyboard's appearance and functionality:

- Disconnect the keyboard from all power sources and devices before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and surface.
- Avoid using harsh chemicals, abrasive materials, or excessive moisture.
- Use compressed air to remove dust and debris from between the keys.

5.2 Using the Protective Silicone Skin

The included silicone skin helps protect the keyboard from dust, spills, and wear.

- Place the silicone skin directly over the keyboard's keys.
- Ensure it is properly aligned for full coverage.

Image 5.1: Image showing the included protective silicone skin being placed over the keyboard.

6. TROUBLESHOOTING

If you encounter issues with your Keychron B1 Pro keyboard, refer to the following common solutions:

- **Keyboard not responding:** Ensure the keyboard is charged. Check the connection mode switch (2.4G, BT, Cable) and ensure it matches your desired connection method. For wired mode, try a different USB port or cable.
- **Bluetooth pairing issues:** Make sure Bluetooth is enabled on your device and the keyboard is in Bluetooth pairing mode. Try unpairing and re-pairing the keyboard. Ensure no other devices are interfering with the Bluetooth signal.
- **2.4 GHz connection issues:** Ensure the 2.4GHz receiver is securely plugged into a USB port. Try a different USB port. Ensure the keyboard is set to 2.4G mode.
- **Keys not working correctly:** Check for any debris under the keycaps. If using Keychron Launcher, ensure no accidental remapping has occurred. Reset the layout if necessary.
- **Battery life shorter than expected:** Ensure the keyboard is fully charged. Usage patterns and environmental factors can affect battery life.

For more detailed troubleshooting, please refer to the official Keychron support resources or the Troubleshooting Guide (PDF).
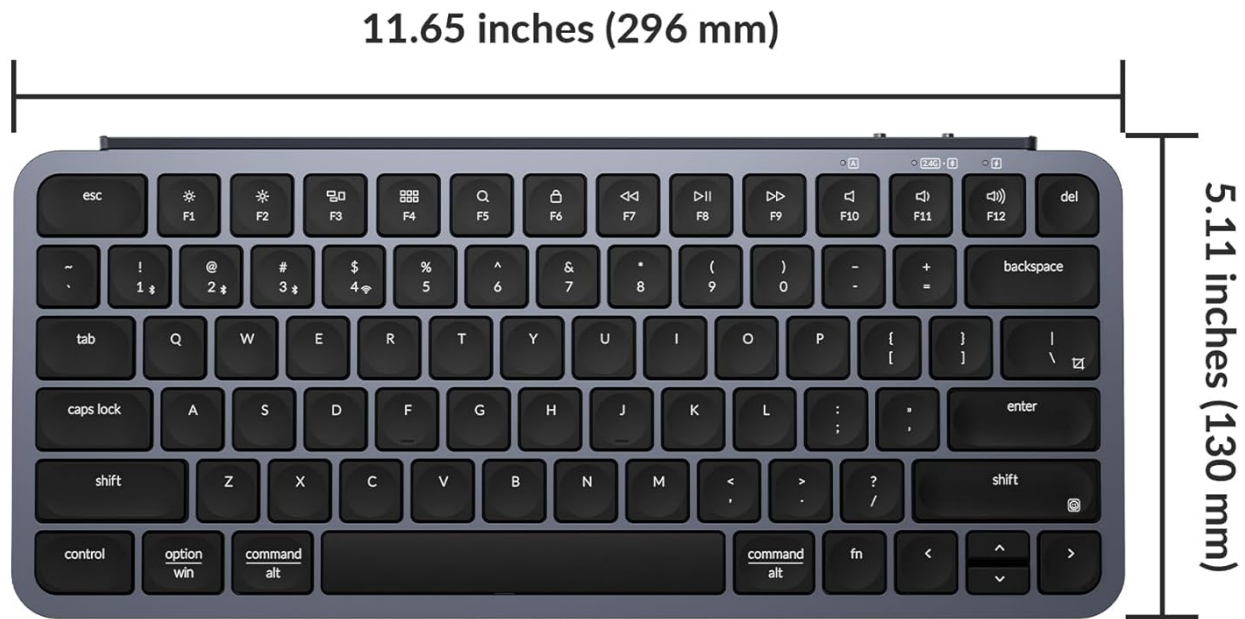
7. SPECIFICATIONS

Detailed technical specifications for the Keychron B1 Pro keyboard:

Feature	Specification
Brand	Keychron
Model	B1 Pro
Connectivity Technology	Bluetooth 5.2, 2.4 GHz Wireless, USB Type-C Wired
Keyboard Layout	QWERTY
Switch Type	Scissor-switch
Special Feature	Low-Profile Key
Compatible Devices	PC (macOS, Windows, Linux)
Power Source	Battery Powered (1 12V battery included)
Battery Life	Up to 1200 hours (approx. 8 months with 5 hours daily use)
Polling Rate (2.4 GHz)	1000 Hz
Item Weight	1.34 pounds (608 grams)
Package Dimensions	12.32 x 5.47 x 1.65 inches (31.3 x 13.9 x 4.2 cm)

Ultra-Slim & Lightweight

11.65 inches (296 mm)

5.11 inches (130 mm)

0.57 inches (14.5 mm)

0.2 inches (5.2 mm)

Netweight: 0.94 lb (425 g)

Image 7.1: Detailed dimensions of the Keychron B1 Pro keyboard, showing its length (11.65 inches / 296 mm), width (5.11 inches / 130 mm), front height (0.2 inches / 5.2 mm), and rear height (0.57 inches / 14.5 mm), with a net weight of 0.94 lb (425 g).
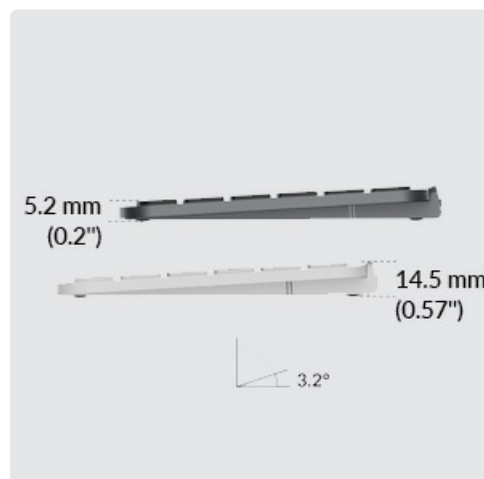
5.2 mm (0.2")

14.5 mm (0.57")

3.2°

Image 7.2: Side profile view of the keyboard, illustrating its ultra-slim design and slight incline.

8. WARRANTY AND SUPPORT

Keychron products are designed for reliability and performance. For warranty information, product registration, and further support, please visit the official Keychron website or contact their customer service.

Additional resources:

- User Guide (PDF)
- User Manual (PDF)
- Troubleshooting Guide (PDF)

Related Documents - B1 Pro

	Keychron K17 Max Troubleshooting Guide: Bluetooth, Key Issues, and Typing Errors Find solutions for common issues with your Keychron K17 Max mechanical keyboard, including Bluetooth connectivity problems, unresponsive keys, typing lag, and low-profile design adjustments. This guide provides troubleshooting steps for Mac and Windows users.
	Keychron Q13 Max Quick Start Guide Quick start guide for the Keychron Q13 Max mechanical keyboard, covering setup, connection options (2.4 GHz, Bluetooth, wired), backlight controls, system layers, software usage, warranty, and factory reset.
	Keychron B6 Pro Ultra-Slim Wireless Keyboard User Manual A comprehensive user manual for the Keychron B6 Pro Ultra-Slim Wireless Keyboard, covering setup, connectivity, key functions, troubleshooting, and specifications.
	Keychron K8 Max Quick Start Guide A quick start guide for the Keychron K8 Max TKL Mechanical Keyboard, covering 2.4GHz and Bluetooth connectivity, cable connection, backlight adjustments, key remapping, layers, and factory reset.
	Keychron K1 Pro Bluetooth Mechanical Keyboard User Manual and Guide Comprehensive guide for the Keychron K1 Pro Bluetooth Mechanical Keyboard, covering setup, features, VIA software, layers, backlight control, troubleshooting, and specifications. Learn how to connect, customize, and maintain your keyboard.
	Keychron K5SE Bluetooth Mechanical Keyboard User Manual A comprehensive guide to the Keychron K5SE Bluetooth Mechanical Keyboard, covering setup, features, troubleshooting, and specifications. Learn how to connect, customize lighting, and optimize your typing experience.