

**8000 Hz Polling Rate**

Zero lag and maximum precision



## KEYBOARD WRL V3 ULTRA/BLACK V3U-D1 KEYCHRON



Model: V3U-D1

Manufacturer: KEYCHRON

EAN: 4894979026644

Product Code: 551388

**R3,583** ~~R3,894~~

### Keychron V3 Ultra 8K

Meet the Keychron V3 Ultra 8K, a next-generation TKL wireless custom mechanical keyboard engineered for unparalleled performance. It supports 2.4 GHz wireless, Bluetooth 5.3, and wired connections. Powered by ZMK firmware, it enables an 8K polling rate in wireless mode while delivering up to 660 hours of battery life. Enhanced with multiple layers of acoustic foam and Keychron Launcher, it delivers a refined typing experience with premium sound and complete customization.

### LAUNCHER WEB APP

### Program with Launcher

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With the Keychron Launcher web app, you can effortlessly remap key, customize any macro command, shortcuts, or key combinations to enhance gaming or work efficiency. Take control and optimize your productivity like never before.

### **Anytime, Anywhere Access**

Keychron Launcher is a web page configurator that you can use in the office, school, lab, or government department—anywhere with internet access. Configure your keyboard online anytime without the need to download or install files. No hassle, no trouble.

### **Compatible with All Platforms**

As a web-based tool, Keychron Launcher supports all operating systems. Personalize and program your keyboard on Windows, macOS, Linux, and more. Enjoy unprecedented flexibility with compatibility across Chrome, Edge, and Opera browsers.

### **Safe Inputs**

You type your password, contact, home address, and other sensitive privacy information on keyboards every day. Our keyboards use ZMK open-source firmware, allowing the community to review the codes for safety and ensuring no hidden features, so you have complete control over your input security.

### **Always Up to Date**

Keychron Launcher is continuously updated, ensuring you always have access to the latest version. There's no need to download updates or wait for installations.

### **worry-free power**

### **660 Hours of Use on A Single Charge**

Don't wait for a full charge—operate it even while charging and enjoy uninterrupted usage with an impressive continuous battery life of up to 660 hours (with backlight turned off). Based on 5 hours of daily use, that's enough to keep you creating, working, or gaming for approximately 4 months. This ensures you can rely on your device for extended periods without the need for frequent recharging.

## **PRECISION**

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## **2.4 GHz & Bluetooth Connection**

The V3 Ultra 8K features a high-speed 8000 Hz polling rate in both wired and 2.4 GHz wireless modes, ensuring the lowest possible input lag and ultra-responsive performance. For seamless multitasking across your computer, phone, and tablet, you can effortlessly connect the V3 Ultra 8K via Bluetooth 5.3 to three devices.

## **POWERFUL ARM CORE**

### **An Epic Core Inside The Keyboard**

Engineered with a powerful chip (MCU) with 1MB flash to provide more flexibility for developers. The polling rate is 8000 Hz both in 2.4 GHz and wired mode, which makes the latency hardly noticeable even in competitive games, delivering optimal performance.

## **switch**

### **Keychron Silk POM Switches**

The Keychron V3 Ultra 8K comes with pre-lubed Keychron Silk POM Switch with high-performance designed for gamers and typists who demand precision, durability, and an exceptional typing experience. Crafted from high-quality POM housing and stem, our switches ensure outstanding durability and resistance to wear over time. This premium material provides a smooth and consistent keystroke, enhancing your overall typing experience.

## **Customize**

### **Customize every part**

To build a fully customizable keyboard, we designed every component to be able to assemble easily. Therefore, you can customize and adjust each component as you wish.

## **Silent & stable**

### **gasket mount design**

By adopting a gasket mount design along with a PC (Polycarbonate) plate, the V3 Ultra 8K reduces acoustic resonance, delivering a softer and quieter typing experience with enhanced flexibility.

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## CUSTOMIZE

### Suitable for All Devices

Built with the Mac users' experience in mind while still retaining compatibility for Windows devices, the V3 Ultra 8K comes with a system toggle and an additional set of customized keycaps for both Windows and macOS systems. You can now save two different layouts on the keyboard, one for each system.

## KEYCAP

### OSA Profile Double-shot PBT Keycaps

It has a similar height to that of the OEM profile and has an SA-like shape. We named it the OSA (OEM spherical angled) keycap. The PBT keycaps will provide excellent oil resistance, enhance the type feel, and prevent the legends from fading out.

## CUSTOMIZE

### HOT-SWAPPABLE

Every detail matters for a personalized typing experience, that's why we give you the power. You can hot-swap every switch on the V3 Ultra 8K with almost all of the 3pin and 5pin MX style mechanical switches on the market (including Cherry, Gateron, Kailh, Panda, etc.) without soldering required. You can customize your own typing experience in seconds.

## STABILITY

### Newly Enhanced Stabilizers

The screw-in design increases stability and makes it easier for changes and upgrades. Precise craftsmanship makes the stabilizers more stable and less wobbly. The big keys' (space bar, shift, enter, delete) typing experience is now more stable and smoother.

## RGB backlight

### Unlock Dynamic Backlit Control

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Go beyond standard presets with 22+ RGB backlight settings — including a static white option. Our advanced lighting engine includes two powerful features to fuel your creativity: Per-key RGB and Mix RGB. You can further fine-tune and remap keys with ease, crafting your unique style with vivid, dynamic RGB control.

## **rgb bACKLIGHT**

### **Per-key RGB**

With Per-key RGB, every single key is a digital brushstroke. This feature lets you individually customize the color of each key, transforming your keyboard into a vibrant canvas.

### **RGB BACKLIGHT**

### **MIX RGB**

With Mix RGB, you can split your keyboard into two custom lighting zones, each with unique effects. Create creative, high-contrast combinations to make your entire setup pop with vibrant style.

- Enhanced Acoustic Foams
- Hot-Swappable
- Keychron Silk POM Switch
- Gasket Mount Design
- 8K Polling Rate Wireless
- Mac & Windows
- Long-lasting Battery
- ZMK & Web Launcher

Summary: Keychron V3 Ultra 8K. Keyboard style: Straight. Connectivity technology: Wired & Wireless, Device interface: Bluetooth, Keyboard key switch: Mechanical, Keyboard layout: QWERTY. Backlight type: RGB LED. Recommended usage: Universal. Product colour: Black | Vendor Homepage: <https://www.keychron.com/products/keychron-v3-ultra-8k-wireless-custom-mechanical-keyboard?variant=42878045651033> | Actuation force: 45 | Angle adjustment (max): 5.3 | Bluetooth Low Energy (BLE): Yes | Bluetooth version: 5.3 | Built-in memory: Yes | Built-in memory capacity: 1000 | Connectivity technology: Wired & Wireless | Device interface: Bluetooth | Frequency band: 2.4 | Key switch type: Linear | Key travel distance: 4 | Keyboard key switch: Mechanical | Keyboard key

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switch technology: Keychron Silk POM Red | Keyboard keys operating life: 50 | Keyboard layout: QWERTY | Keycaps: Double shot | Keycaps material: Polybutylene terephthalate (PBT) | Numeric keypad: No | Pointing device: No | Polling rate: 1000/2000/8000 | Programmable hot keys: Yes | Recommended usage: Universal | Rollover: N-key rollover | Adjustable keyboard height: Yes | Backlight: Yes | Backlight colour: Multicolour | Backlight type: RGB LED | Keyboard style: Straight | Material: Polycarbonate, Plastic | Product colour: Black | Surface coloration: Monochromatic | Detachable cable: Yes | Hot-swap: Yes | USB connector type: USB Type-C | Battery capacity: 4000 | Battery life (max): 660 | Battery technology: Lithium Polymer (LiPo) | Charging source: USB Type-C | Keyboard battery type: Built-in battery | Power source type: Battery, USB | Mouse included: No | Linux operating systems supported: Yes | Mac operating systems supported: Yes | Windows operating systems supported: Yes | Operating temperature (T-T): -10 - 50 | Keyboard dimensions (WxDxH): 367.8 x 149 x 32.5 | Keyboard weight: 960 | AC adapter included: No | Adapters included: USB | Cables included: USB Type-C | Number of products included: 1 | Receiver included: Yes | Receiver type: Nano receiver | Wireless receiver interface: USB Type-A | Bluetooth: Yes | Battery: Lithium-Ion rechargeable | Battery weight: 20 | Product Net Weight: 0.96 | Shipping Box Height: 42.5 | Unit Calculated Volume: 0.006614 | Unit Calculated Weight: 1.65 | Units per Pallet: 0 | Units per Shipping Box: 10

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