

nuphy Node75

NuPhy Node75 Wireless Mechanical Keyboard User Manual

Model: Node75

Brand: nuphy

Setup

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Specifications

Warranty & Support

1. SETUP

1.1 Unboxing and Initial Inspection

Carefully remove the NuPhy Node75 keyboard and all accessories from the packaging. Inspect for any visible damage. The package should contain:

- 1 x Node75 Keyboard (Low-Profile)
- 1 x 2.4G Receiver
- 1 x USB-C to USB-C Cable
- 1 x USB-C to USB-A adapter
- Other accessories and Quick Start Guide

Your browser does not support the video tag.

Video: NuPhy Node75 Low Profile Keyboard Unboxing and Overview. This video demonstrates the unboxing process and provides a general overview of the keyboard's features and accessories.

1.2 Connectivity Modes

The Node75 supports three connectivity modes: Bluetooth, 2.4GHz wireless, and USB-C wired. Use the switch on the back of the keyboard to select your desired mode.

- **USB-C Wired Mode:** Connect the keyboard directly to your device using the provided USB-C to USB-C cable or USB-C to USB-A adapter. This mode offers plug-and-play functionality.

- **Bluetooth Wireless Mode:** Slide the switch to Bluetooth mode. Pair with up to 5 devices simultaneously and switch between them using dedicated shortcut keys (FN + 1/2/3).
- **2.4GHz Wireless Mode:** Slide the switch to 2.4GHz mode. Insert the 2.4G receiver into your device's USB port. Use FN + 4 to activate this mode.

Three Connection Modes

BT/2.4GHz/USB-C Wired support multiple devices and system



USB-C
Slide to wired mode
Plug and Play

Connection Mode1



Bluetooth
Slide to wireless mode
FN + 1 / 2 / 3

Connection Mode2



2.4GHz
Slide to wireless mode
FN + 4

Connection Mode3

Image: The NuPhy Node75 keyboard illustrating its three connection modes: USB-C wired, Bluetooth wireless, and 2.4GHz wireless, along with their respective activation methods.

1.3 Operating System Compatibility

The Node75 keyboard is compatible with Windows, macOS, Android, and iOS systems. Use the dedicated switch on the back of the keyboard to select between WIN and MAC layouts.

2. OPERATING INSTRUCTIONS

2.1 Gesture Touch Area

The Node75 features a touch area at the top of the keyboard for intuitive control. This area replaces traditional volume knobs and allows for adjustments by sliding your finger.

- **Volume Control:** Slide your finger across the touch area to adjust the system volume.
- **Brightness Control:** Slide your finger across the touch area to adjust screen brightness.
- **Keyboard Backlight:** Adjust keyboard backlight settings via the touch area.

These functions can be further configured and customized using the NuPhyIO software.

Intuitive Interaction

Efficient Experience

Using touch gestures, you can adjust the volume, screen brightness, and keyboard backlight.

(NuPhyIO enables more customizable operation settings)



Image: A detailed view of the Node75's touch-sensitive area, highlighting its functionality for intuitive interaction and efficient experience.

2.2 RGB Backlighting

The keyboard features customizable RGB backlighting. Personalize vibrant lighting effects and animations that react to your keystrokes through the NuPhyIO software.

NuPhyIO PROGRAMMABLE SOFTWARE SUPPORT



Image: The NuPhy Node75 keyboard in a workspace, demonstrating its compatibility with NuPhyIO programmable software for customizing RGB lighting and other settings.

2.3 Typing Experience

The Node75 is designed with a gasket-mounted structure and internal damping materials to provide a soft, quiet, and consistent typing experience. This design reduces vibrations, noise, and hollow echoes.

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Video: NuPhy Node75 Mechanical Keyboard Typing Sound. This video demonstrates the sound profile of the keyboard during typing, showcasing its quiet and satisfying acoustics.

3. MAINTENANCE

3.1 Cleaning the Keyboard

To maintain optimal performance and appearance, regularly clean your Node75 keyboard.

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the

keycaps and keyboard surface.

- For dust and debris between keys, use compressed air.
- Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, as these can damage the keyboard.

3.2 Keycap and Switch Replacement

The Node75 features hot-swappable switches, allowing for easy replacement without soldering. Use the included keycap puller and switch puller for safe removal and installation.

- Gently pull keycaps straight up using the keycap puller.
- Use the switch puller to carefully remove switches by pressing the clips on the top and bottom of the switch.
- Align new switches with the PCB sockets and press firmly until they click into place.

4. TROUBLESHOOTING

4.1 Connectivity Issues

- **Keyboard not connecting via Bluetooth/2.4GHz:** Ensure the keyboard is charged and the correct mode (Bluetooth or 2.4GHz) is selected via the switch on the back. For Bluetooth, ensure your device's Bluetooth is on and the keyboard is in pairing mode. For 2.4GHz, ensure the receiver is properly inserted and the keyboard is set to 2.4GHz mode.
- **Lag or intermittent connection:** Try moving the keyboard closer to your device or 2.4G receiver. Ensure there are no strong interference sources nearby.
- **Wired connection not working:** Check the USB-C cable and adapter for damage. Try connecting to a different USB port on your device.

4.2 Key Functionality

- **Keys not responding:** Ensure the keyboard is powered on and connected. If hot-swappable switches were recently changed, ensure they are fully seated in their sockets.
- **Incorrect key output:** Verify the operating system switch (WIN/MAC) on the back of the keyboard is set correctly for your system.

4.3 Backlight Issues

- **Backlight not working:** Check if the backlight is turned off or set to a very low brightness level. Adjust using the touch area or NuPhyIO software. Ensure the keyboard has sufficient battery charge.

If issues persist after attempting these steps, please refer to the Warranty & Support section for further assistance.

5. SPECIFICATIONS

Feature	Detail
Layout	ANSI 75%

Number of Keys (Low-Profile)	84
Number of Keys (High-Profile)	82
Stabilizer Type	Plate Mounted
Mount Type	Gasket
Hot-swappable Support	Yes
N-key Rollover Support	Yes
Compatible System	macOS/Windows/Android/iOS
2.4GHz Polling Rate	1000Hz
Wired Polling Rate	1000Hz
Bluetooth 5.0 Polling Rate	125Hz
Product Dimensions	12.48 x 5.39 x 0.55 inches
Item Weight	2.03 pounds
Material	Acrylonitrile Butadiene Styrene, Polybutylene Terephthalate, Polycarbonate
Battery Capacity	3000mAh (up to 1000 hours runtime)

5.1 Physical Dimensions

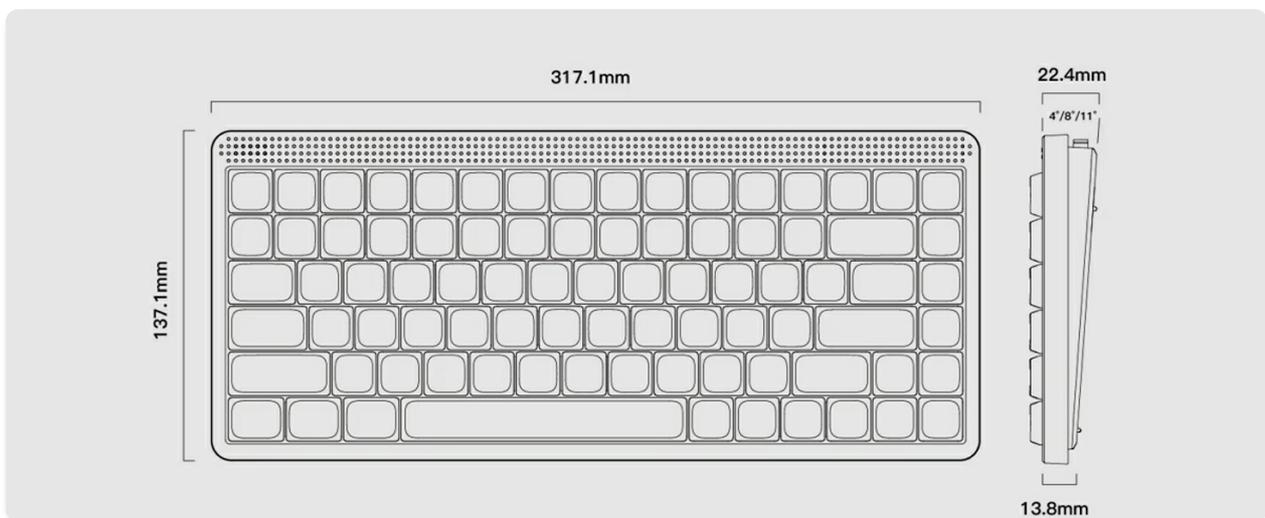


Image: Technical drawing illustrating the dimensions of the low-profile Node75 keyboard.

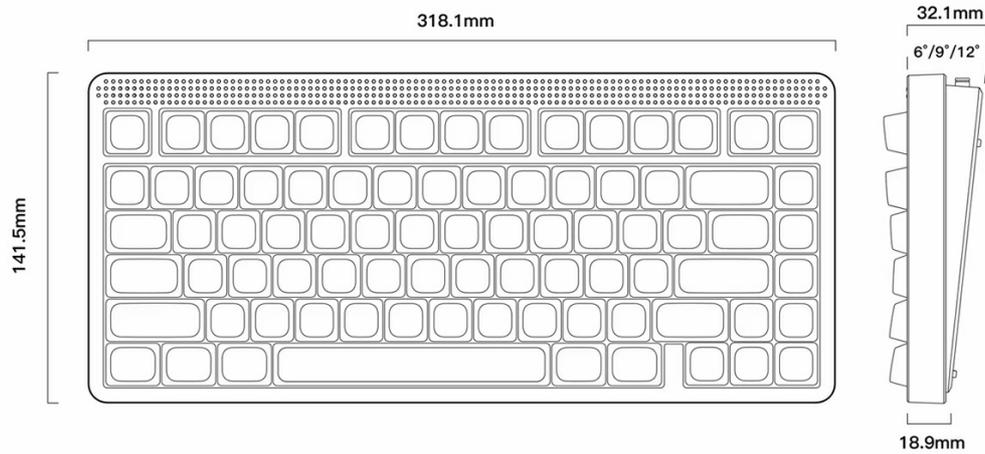


Image: Technical drawing illustrating the dimensions of the high-profile Node75 keyboard.

5.2 Switch Types

The Node75 keyboard is available with various switch types, each offering a distinct typing feel:

- **Red Max Switch:** 45gf Linear Switch.
- **Red Nano Switch:** 45gf Linear Switch.
- **Blush Max Switch:** 42gf Linear Switch.
- **Blush Nano Switch:** 42gf Linear Switch.
- **Brown Max Switch:** 50gf Tactile Switch.
- **Brown Nano Switch:** 50gf Tactile Switch.

6. WARRANTY & SUPPORT

6.1 Warranty Information

For specific warranty details, please refer to the documentation included with your product or visit the official NuPhy website. Warranty coverage typically includes manufacturing defects under normal use.

6.2 Customer Support

If you encounter any issues or have questions regarding your NuPhy Node75 keyboard, please contact NuPhy customer support through their official website or the seller's contact information. You can also utilize the NuPhyIO software for advanced configuration and troubleshooting resources.