

The Vortex 10 provides more functions and more friendly typing experience than POK3R. Waiting for you to discover. The keycap is PBT double-shot side printing and having lights effect, there is no text on the top face, to make it looks cleaner and concise. We decided to added sockets to make enthusiasts like you easy to change switches whatever you want. The onboard macro and RGB lighting support allow you to easily swap keymap and lighting effects at will. CNC machined uni-body case makes it more solid and nice feel to type on.

Features

1. Standard ANSI 61 keys or ISOs 62 keys
2. PBT double shot keycap
3. Cherry RGB MX
4. Gateron socket
5. CNC aluminum uni-body frame
6. PC translucent bottom case
7. Under-glow lighting effect

Packing contact

1. Keyboard x 1
2. USB-C cable x 1
3. Manual x 1

Product specification

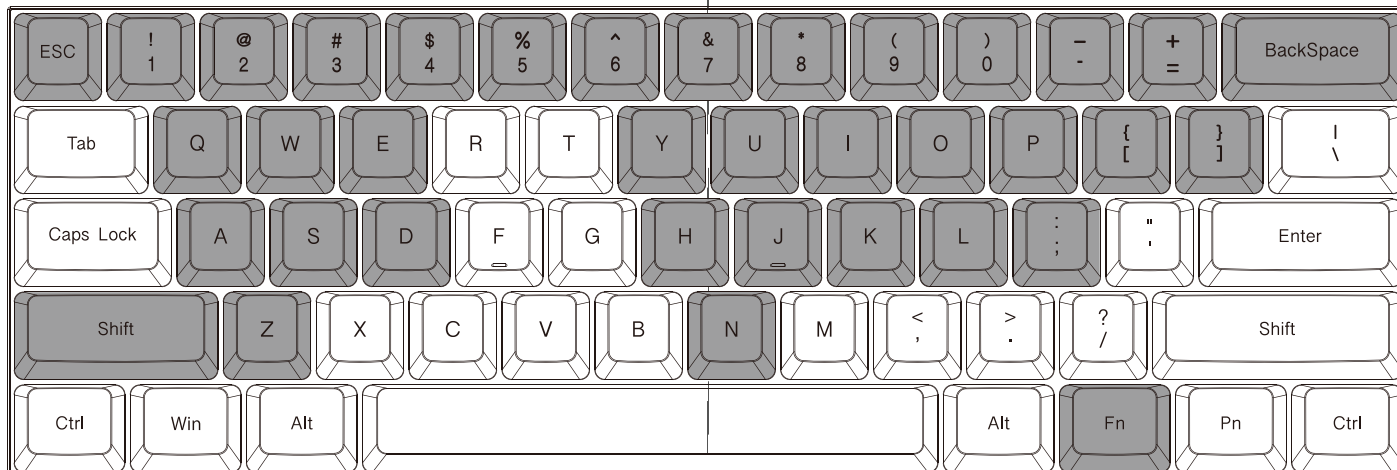
Model name	Vortex 10
Number of keys	61 or 62
Switch type	Cherry MX
Socket	Gateron
Cable	Detachable with USB-C
Cable length	1.5m
Backlit	RGB
Weight	540 ±10g
Dimensions (LxWxH)	29 x 10.5 x 3.7
Warranty	1 year

Fn function description table (Mac O.S)



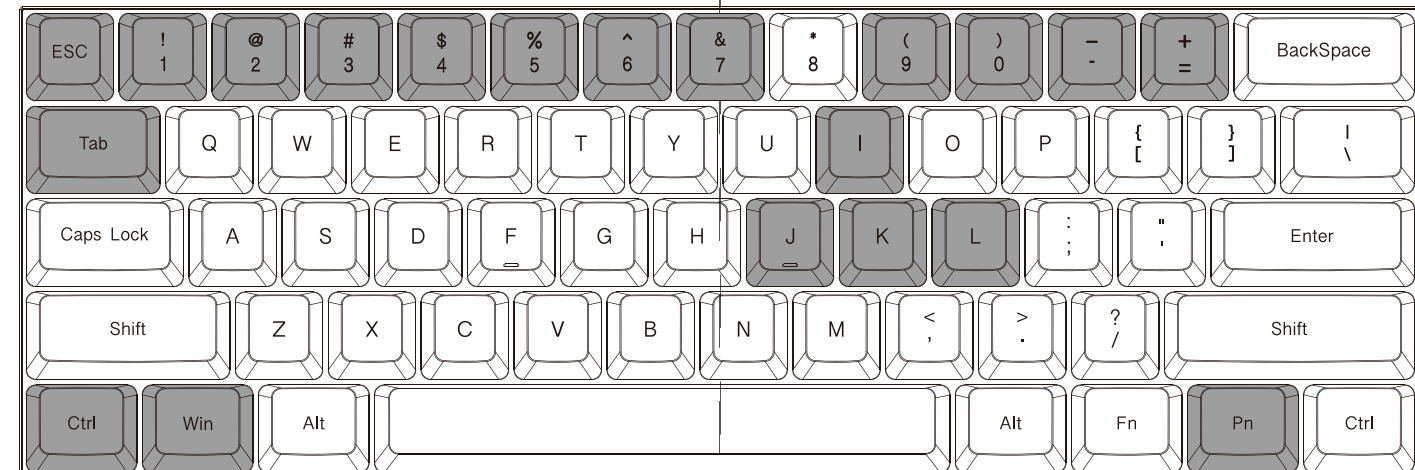
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|--------------------------------|--------------------|-------------------------|------------------------|
| Fn + 1 = Screen brightness - | Fn + 9 = Next song | Fn + U = Page Up | Fn + Shift+ESC = ~ |
| Fn + 2 = Screen brightness + | Fn + 0 = Mute | Fn + O = Page Down | Fn + L_Shift = Swap Fn |
| Fn + 3 = Mission control | Fn + = = Volume - | Fn + P = Print Screen | |
| Fn + 4 = Launch pad | Fn + ± = Volume + | Fn + H = Home | |
| Fn + 5 = Keyboard brightness - | Fn + I = ↑ | Fn + N = End | |
| Fn + 6 = Keyboard brightness + | Fn + J = ← | Fn + ; = Insert | |
| Fn + 7 = Previous song | Fn + K = ↓ | Fn + Backspace = Delete | |
| Fn + 8 = Play/Pause | Fn + L = → | Fn + ESC = ` | |

Fn function description table



- | | | | | |
|-------------|------------------------|---------------------|-----------------------|-------------------------|
| Fn + 1 = F1 | Fn + 9 = F9 | Fn + S = Volume - | Fn + O = Page Down | Fn + Backspace = Delete |
| Fn + 2 = F2 | Fn + 0 = F10 | Fn + D = Volume + | Fn + P = Print Screen | Fn + ESC = ` |
| Fn + 3 = F3 | Fn + = = F11 | Fn + I = ↑ | Fn + {[= Scroll Lock | Fn + Shift+ESC = ~ |
| Fn + 4 = F4 | Fn + ± = F12 | Fn + J = ← | Fn +] = Pause Break | Fn + L_Shift = Swap Fn |
| Fn + 5 = F5 | Fn + Q = Previous song | Fn + K = ↓ | Fn + H = Home | |
| Fn + 6 = F6 | Fn + W = Play/Pause | Fn + L = → | Fn + N = End | |
| Fn + 7 = F7 | Fn + E = Next song | Fn + Y = Calculator | Fn + ; = Insert | |
| Fn + 8 = F8 | Fn + A = Mute | Fn + U = Page Up | Fn + Z = App | |

Pn function description table

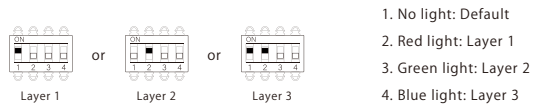


- | | | |
|-------------------------|-----------------------------------|--------------------------------------|
| Pn + Esc = Light ON/OFF | Pn + 9 = Customize Lighting mode1 | Pn + L = RGB speed + |
| Pn + 1 = Palette | Pn + 0 = Customize Lighting mode2 | Pn + \ = Switch operating system |
| Pn + 2 = Red light | Pn + = = CM1 | Pn + R = Reset key-code |
| Pn + 3 = Green light | Pn + ± = CM2 | Pn + L_Ctrl = Enter/Quit coding mode |
| Pn + 4 = Blue light | Pn + Tab = Change layout | Pn + L_Shift = Swap Pn |
| Pn + 5 = LED Mode1 | Pn + I = RGB Brightness + | Pn + L_Windows = Lock key-windows |
| Pn + 6 = LED Mode2 | Pn + J = RGB Speed - | |
| Pn + 7 = LED Mode3 | Pn + K = RGB Brightness - | |

RGB LED editing instructions

3 layers can edit RGB lighting effects and each layer can edit single-key backlight or entire column backlight.

Step 1: Select a layer.



Step 2. Press Pn + 9 or 0 to enter the edit mode.

Step 3. Press Pn + 1, 2, 3 to mix colors by yourself or press Pn + ESC to open the color palette, and select a color to change directly

note:

If you choose to mix the color yourself, the color will be displayed on the Pn key

Step 4. Press Pn + 9 or 0 again to exit the edit mode

Step 5. Press Pn + "-" or "=" to display the set custom color.

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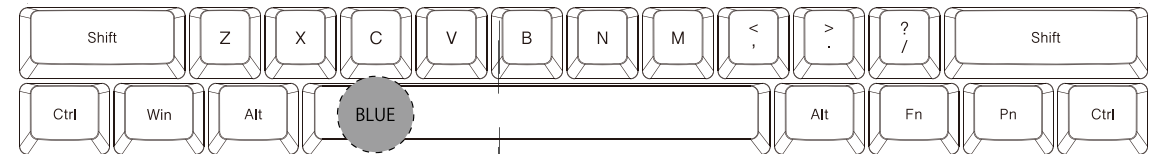
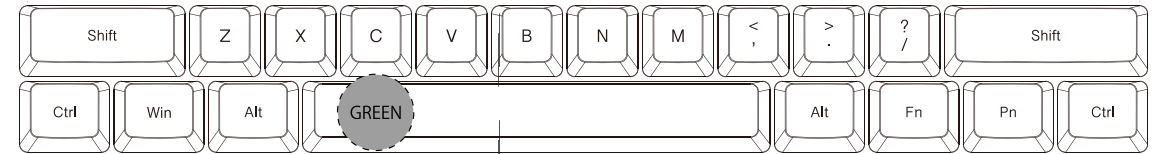
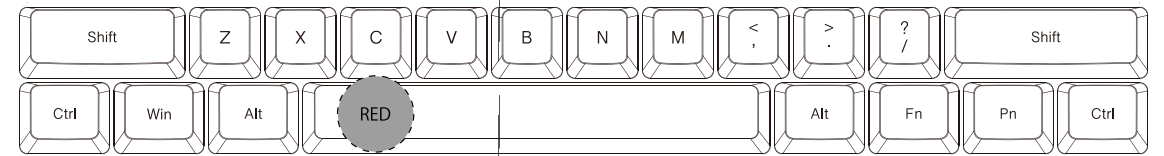
LED modes description

Mode 1 (single-key backlight mode): single light fade out, heartbeat, water ripple (explosion). Each mode is divided into self-coloring and color change randomly. The self-coloring is displayed on the LEDs on both sides below the spacebar

Mode 2 (full-keys backlight mode): full-keys bright (colorable display on the entire keyboard), breath (colorable display on the entire keyboard), swirl, raindrops, waves.

Mode 3 Divided into the underglow lighting and synchronization with the upper layer
 Underglow: monochrome constant brightness (adjustable color and brightness), RGB running (adjustable color, brightness, and speed)
 Synchronize with the upper layer: When the LED mode 2 is turned on and the cycle is breathing, swirl, and wave, it will automatically turn on

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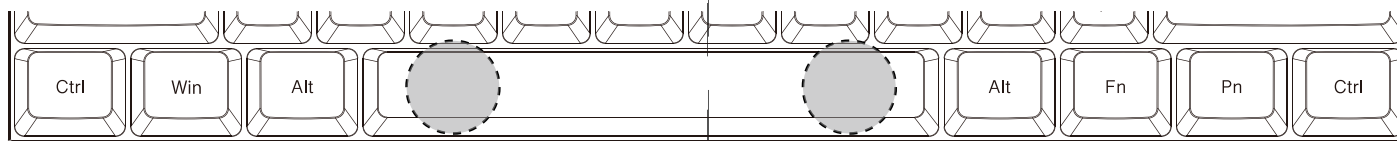


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Spacebar LED indicator description

Brightness decreases to the first level after five seconds of lighting



LED 1

LED 2

LED 1 - switching layer

Layer 1 - Red

Layer 2 - Green

Layer 3 - Blue

Default layer - No lights

LED 2 - Swapping Keyboard layout, Windows lock, O.S

Red - COLEMAK

Purple - COLEMAK and windows lock

Orange - COLEMAK in Linux O.S

Green - DVORAK

Cyan - DVORAK and windows lock

Grass Green - DVORAK in Linux O.S

Yellow - Linux

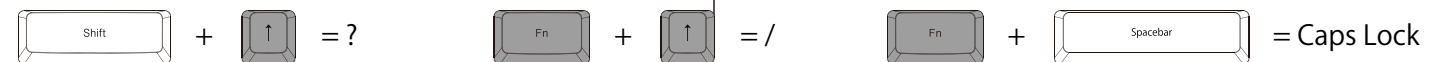
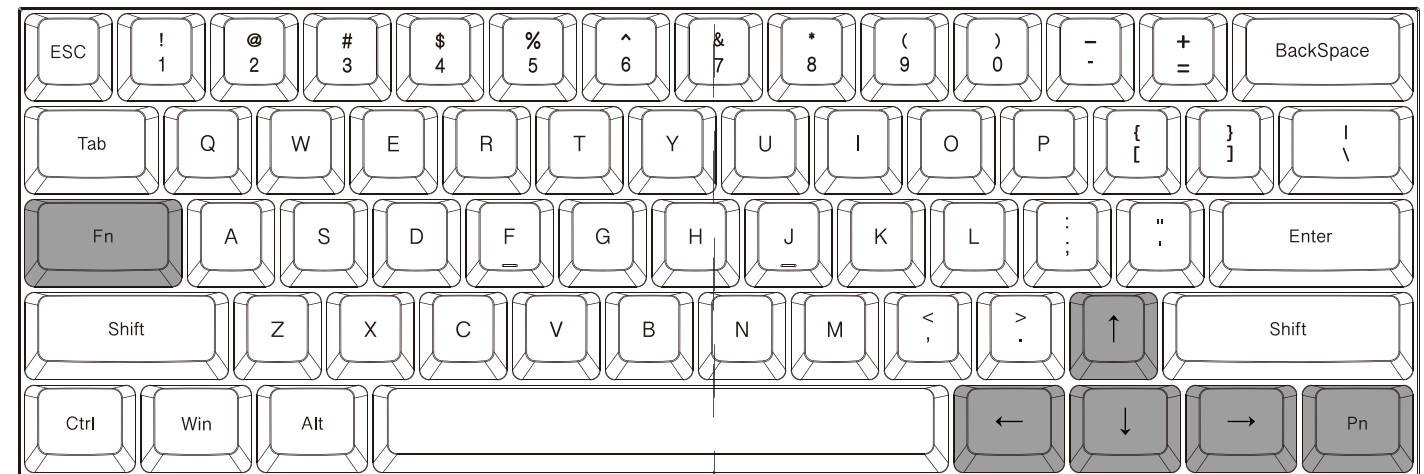
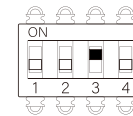
Blue - Windows lock

No lights - Windows O.S

White - Mac O.S

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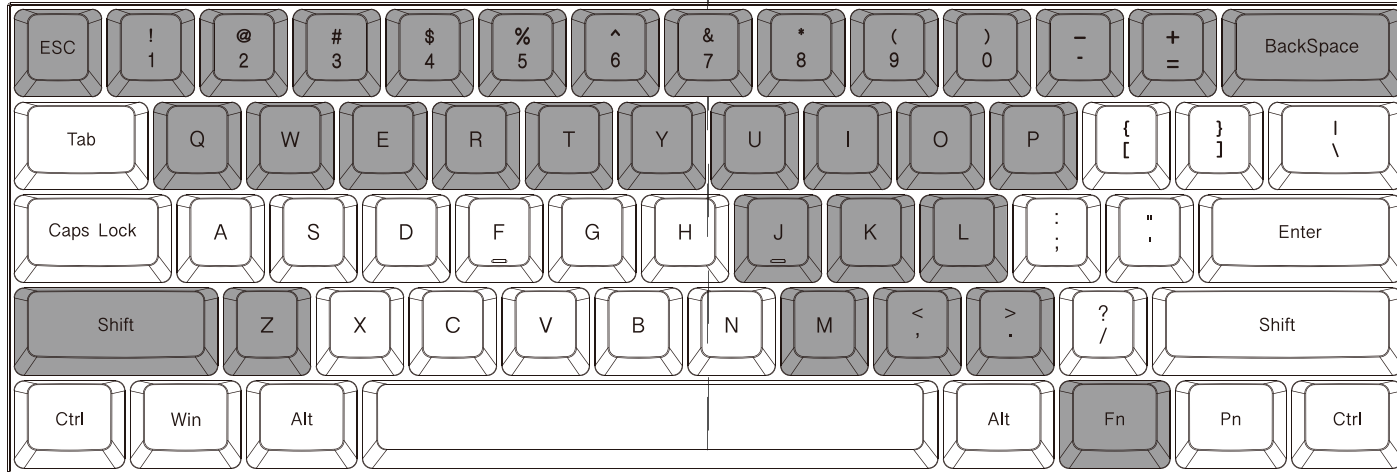
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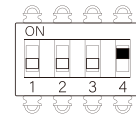
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The New Fn function description table



Fn + 1 = F1	Fn + 9 = F9	Fn + T = Volume -	Fn + M = Del	Fn + L_Shift = Swap Fn
Fn + 2 = F2	Fn + 0 = F10	Fn + Y = Volume +	Fn + < = End	
Fn + 3 = F3	Fn + = = F11	Fn + U = Print Screen	Fn + > = Page Down	
Fn + 4 = F4	Fn + ± = F12	Fn + I = Scroll Lock	Fn + Z = App	
Fn + 5 = F5	Fn + Q = Previous song	Fn + O = Pause Break	Fn + P = Calculator	
Fn + 6 = F6	Fn + W = Play/Pause	Fn + J = Insert	Fn + Backspace = Delete	
Fn + 7 = F7	Fn + E = Next song	Fn + K = Home	Fn + ESC = `	
Fn + 8 = F8	Fn + R = Mute	Fn + L = Page Up	Fn + Shift+ESC = ~	

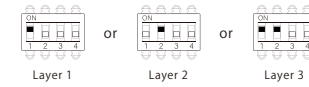


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Macro instruction:

Step 1: Select a layer.



1. No light: Default
2. Red light: Layer 1
3. Green light: Layer 2
4. Blue light: Layer 3

Step 2: Press Pn + L_Ctrl to enter the programming mode (the LED 1 is steady white light)

Step 3: Hit the key you want to program (the LED 1 flashes)

Step 4: Type the content then hit Pn key (the LED 1 light on constantly)

Step 5: Repeat Step 3 and Step 4 to program other keys.

Step 6: Press Pn + L_Ctrl key to exit the programming mode (the LED on the right side of spacebar goes out)

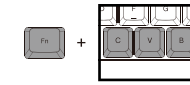
Note:

The keyboard has 4 built-in layers. The default layer cannot be programmed.

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Remarks:

1. Support Fn layer programming, Fn compound key (for example Fn + A) can be programmed in key selection state.
2. Support delay output. In the state of key selection (step 3), Fn + C, Fn + V, Fn + B, the continuous delay only counts one time but the time accumulates.

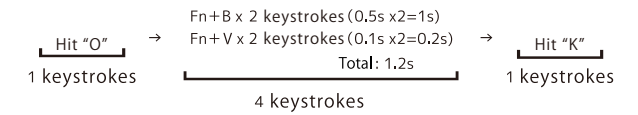


Fn + C delays 15ms
Fn + V delays 0.1s
Fn + B delays 0.5s

Example:

Program to enter "OK" when Q is pressed. Insert an interval of 1.2 seconds between O and K.

Press "O" and hit Fn+B 2 times (0.5s x 2 = 1s) and Fn+Vx2 time (0.1s x2=0.2s)



3. Each key can input up to 31 key-code.

4. In programming mode, if you do not press any keys within 20 seconds, it will automatically exit.

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The New Fn function description table (Mac O.S)



Fn + 1 = Screen brightness -	Fn + 9 = Next song	Fn + U = Page Up	Fn + Shift+ESC = ~
Fn + 2 = Screen brightness +	Fn + 0 = Mute	Fn + O = Page Down	Fn + L_Shift = Swap Fn
Fn + 3 = Mission control	Fn + = = Volume -	Fn + P = Print Screen	
Fn + 4 = Launch pad	Fn + ± = Volume +	Fn + H = Home	
Fn + 5 = Keyboard brightness -	Fn + I = ↑	Fn + N = End	
Fn + 6 = Keyboard brightness +	Fn + J = ←	Fn + ; = Insert	
Fn + 7 = Previous song	Fn + K = ↓	Fn + Backspace = Delete	
Fn + 8 = Play/Pause	Fn + L = →	Fn + ESC = `	

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Other functions description:Z

- a. Reset the current layer: Pn + R (LED 1&2 flash white light three times)
- b. Clear all layers: Fn + Pn + R (LED 1&2 flash white light five times)
- c. After setting the CM 1 or CM 2, hit Pn+9 or Pn+0 again to save the lighting effects and leave the custom mode
- d. Dip switch Dip 3 is priority
- e. Swap Fn or Pn, the new position will show Blue or Yellow for three seconds and then goes out. If the key you changed where has original function on Fn + or Pn +, then two keys are interchanged.

For example, if you swap Fn to Tab key, but the original Fn + Tab has the function of changing layouts, then Tab key will change to the Fn key automatically.

- f. If you forgot the Fn, Pn position, please re-plug the cable, the Fn and Pn key will display blue or yellow and go out after three seconds
- g. When the RGB lighting switch is turned on, the whole keyboard will be light in yellow steady for one second and then go out

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