CrowView *Note*

15.6" Portable Monitor with Keyboard

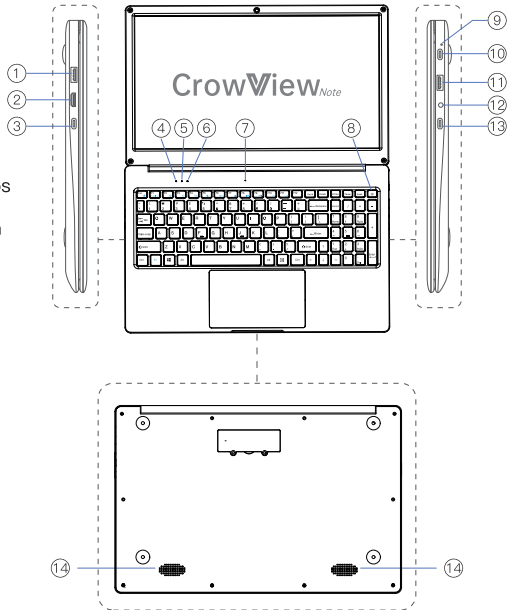# User Manual

01 Product Brief

The CrowView Note is a laptop–style monitor with an integrated screen, keyboard, touchpad, speakers and more in an all–in–one design. CrowView Note can be connected to a smartphone to display its desktop. It can also be used as a display terminal for computers, mini PCs, and single board computers such as Raspberry Pi and Jetson Nano Developer Kit. And CrowView Note has built–in 6000mAh battery. It can work normally for 1–2 hours without external power supply, which can also power smartphone, Raspberry Pi, and other devices.

CrowView Note is versatile, suitable for various scenarios, and compatible with a wide range of devices.

Note: CrowView Note is a portable monitor without CPU, RAM, HDD/SDD and Camera.

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02 Interface

① **USB-A:** Connect the master device

② **Mini HD:** Transmit the signal

③ **Type-C:** Power output(PD 5V/5A Output)

④ **Status Indicator:** Keep white during operation

⑤ **Caps Lock Indicator:** Keep white when using Caps

⑥ **Num Lock Indicator:** Keep white when using Num

⑦ **Microphone**

⑧ **Power Button:**
Short press to power on, long press to power off

⑨ **Power Indicator:** Keep red during charging

⑩ **Type-C Interface:** Power supply(PD 45W)

⑪ **USB-A:** Connect the peripherals

⑫ **Headphone Jack**

⑬ **Type-C:** Full-featured (PD Output)

⑭ **Speakers**

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03 Keyboard Shortcuts

Esc	Esc		F7	OSD and set up
F1	Switch signal		F8	Up
F2	Touchpad on/off		F9	Down
F3	Volume −		F10	Back
F4	Volume +		F11	Battery
F5	Backlight −		F12	Num lock/unlock
F6	Backlight +			

OSD Mode (F8, F9, F10 grouped)

When Fn+Esc is pressed and the screen appears 🔒Fn , which indicates that the Fn shortcut key function is disabled. In this case, we can use the traditional functions of F1~F12. To use the shortcut function of F1~F12, please press Fn+F1~F12. For example, if you press Fn+F4, the volume will be amplified.

When Fn+Esc is pressed and the screen appears 🔓Fn , which indicates that the Fn shortcut key function is available. In this case, we can use the shortcut functions of F1~F12. For example, if you press F4, the volume will be amplified. To use the traditional function of F1~F12, please press Fn+F1~F12

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04 Connecting

Compatible with devices with HD interface

Power Supply

CrowView Note

USB-A to USB-A
HD to Mini HD

HD to Mini HD Cable

USB-A to USB-A Cable
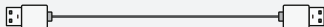
Note: If you want to use the CrowView Note keyboard and touchpad, please connect the ① USB-A port.

Compatible with devices with Type-C (full-featured) interface

Power Supply

CrowView Note
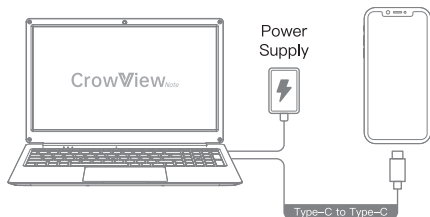
Type-C to Type-C

Type-C to Type-C Cable

Please use a full-featured cable such as USB 3.1 Gen 2 Type-C Cable.

Note: Please connect ⑬ Type-C (full-featured) interface.

Note: Please use the appropriate power supply to charge the device to avoid damaging it.

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05 Bridge Board Usage Instructions

Take the Raspberry Pi 5 for example.

Step 1: Connect the Raspberry Pi 5 to the Bridge Board A.

Raspberry Pi 5

Bridge Board A

Micro HD →

Micro HD →

Type-C →

Note: Raspberry Pi 5 not included.

Please ensure the switch is in the ON position
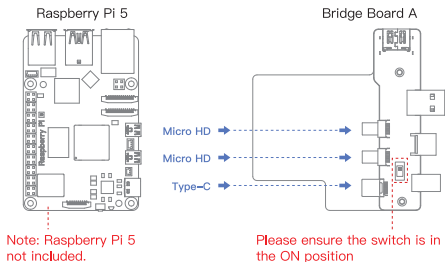
Step 2: Connect the Bridge Board B to the Raspberry Pi 5 and the Bridge Board A.

Bridge Board B

USB A   USB A

Bridge Board B

Main View

Top View
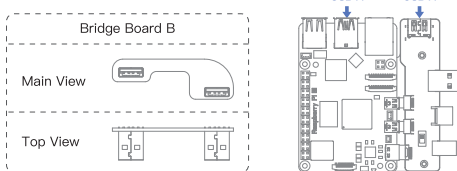
Step 3: Connect the assembled Raspberry Pi 5 to the CrowView Note.

CrowView_Note_

USB A →

Mini HD →

Type-C →
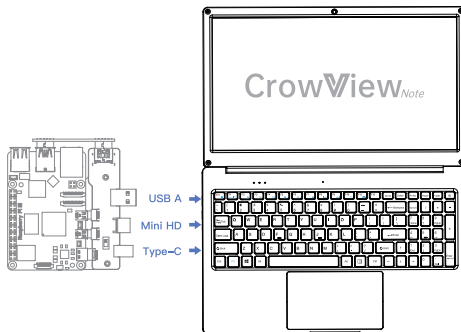
Note: The two Bridge Boards are only available for the Raspberry Pi 5 and the Bridge Boards are required to be purchased separately.

If you don't have the Bridge Boards, you can also connect the Raspberry Pi 5 to the CrowView Note using the corresponding cables.

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05 Bridge Board Usage Instructions

Take the Jetson Nano Developer Kit for example.

Step 1: Connect the Jetson Nano Developer Kit to the Bridge Board.

Column

USB A

HD

Bridge Board

Jetson Nano Developer Kit
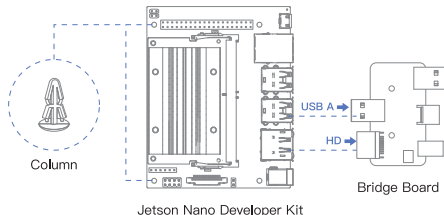
Note: Jetson Nano Developer Kit not included.

Step 2: Connect one side of the Patch Cord to the Bridge Board and the other side to the Jetson Nano Developer Kit to power it.

XH2.54

DC5.5–2.5
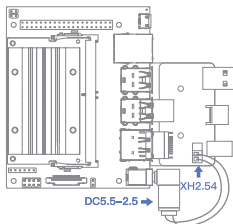
Step 3: Connect the assembled Jetson Nano Developer Kit to the CrowView Note.

CrowView_Note

USB A

Mini HD

Type–C
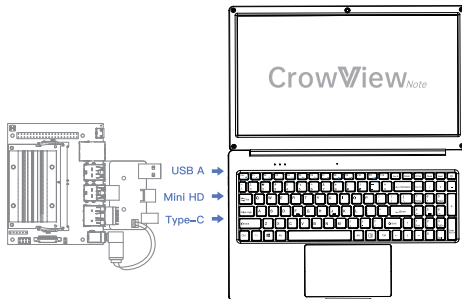
Note: The Bridge Board is only available for the Jetson Nano Developer Kit and the Bridge Board is required to be purchased separately.

If you don't have the Bridge Board, you can also connect the Jetson Nano Developer Kit to the CrowView Note using the corresponding cables.

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1. Press F7 to enter OSD menu or set up option.
2. Press F8 or F9 to select the corresponding option or adjust parameter value.
3. Press F10 to return to previous step.

Note: Make sure the Fn shortcut key function is available.
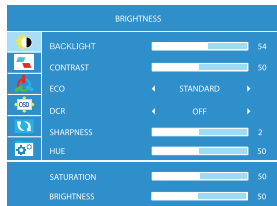
BRIGHTNESS

BACKLIGHT: Adjustable range: 0–100   **CONTRAST:** Adjustable range: 0–100

ECO: STANDARD/RTS/FPS/MOVIE/GAME/TEXT

DCR: OFF/ON

SHARPNESS: Adjustable range: 0–4   **HUE:** Adjustable range: 0–100

SATURATION: Adjustable range: 0–100   **BRIGHTNESS:** Adjustable range: 0–100
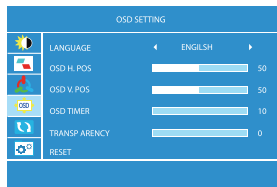
OSD SETTING

LANGUAGE: English, French, German, Simplified Chinese, Italian, Spanish, Portuguese, Turkish, Polish, Dutch, Japanese, Korean

OSD H.POS: Adjustable range: 0–100   **OSD V.POS:** Adjustable range: 0–100

OSD TIMER: Adjustable range: 10–60   **TRANSPARENCY:** Adjustable range: 0–100

RESET: Initialising the device

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COLOR TEMP

COLOR TEMP .		sRGB	
RED			44
GREEN			44
BLUE			41

COLOR TEMP: sRGB/USER/WARM/COOL
(RGB can only be adjusted in USER mode.)
RED: Adjustable range: 0–100
GREEN: Adjustable range: 0–100
BLUE: Adjustable range: 0–100

MISC

MISC .			
ASPECT	◄	WIDE	►
FREESYNC	◄	OFF	►
OD	◄	OFF	►
AUTO POWERDOWN	◄	OFF	►
HDR MODE	◄	OFF	►
CLONE	◄	OFF	►
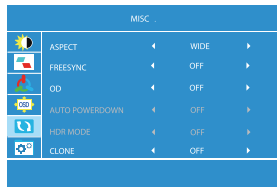
ASPECT: WIDE/4: 3
FREESYNC: OFF/ON
OD: OFF/ON
CLONE: OFF/ON

SIGNAL SOURCE

SIGNAL SOURCE			
SIGNAL SOURCE	◄	D3: HDMI	►
LOW BLUE LIGHT			0
VOLUME			20
MUTE	◄	OFF	►

1920x1080@60.0Hz
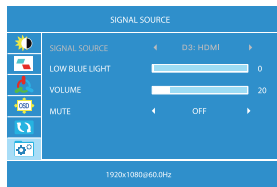
LOW BLUE LIGHT: 0–4
VOLUME: Adjustable range: 0–100
MUTE: OFF/ON

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07 Devices with Type-C interface

Smart Phone	
Apple	iPhone15 Pro, iPhone15 Pro Max, iPhone16 Pro, iPhone16 Pro Max
Huawei	Mate10, Mate10pro, Mate20, Mate20pro, Mate30, Mate30pro, Mate30RS, Mate40, Mate40pro, Mate40pro+
	Mate40RS, Mate50, Mate50Pro, Mate50RS, P20, P20 Pro, P20 RS, P30, P30 Pro, P40, P40 Pro, P50, P50 Pro
Samsung	Galaxy S8, Galaxy S8+, Galaxy S9, Galaxy S9+, Galaxy S10, GalaxyS10+, Galaxy S10e, Galaxy S20, Galaxy S20+
	Galaxy S20 Ultra, Galaxy S21, Galaxy S21+, Galaxy S21 Ultra, Galaxy S22, Galaxy S22+, Galaxy S22 Ultra
	Galaxy S23, Galaxy S23+, Galaxy S23 Ultra, Galaxy Note8, Galaxy Note9, Galaxy Note10, Galaxy Note20
Laptops	
Apple	Macbook, MacBook Pro, MacBook Air (new)
Huawei	MateBook 13, MateBook X Pro, MateBook X, MateBook E, MateBook 14, MateBook 16
Samsung	Notebook 9 Pro, Notebook 7 Spin, Notebook 9, Notebook Flash
Microsoft	Surface Book 2
ASUS	VivoBook Flip, ROG STRIX Hero Edition, ROG Zephyrus M GM501GS, ROG STRIX
	Scar Edition, ZenBook Pro 15, ZenBook S, ROG Strix
Dell	XPS9380, XPS 13 9370, Inspiron 13, Inspiron 15, Alienware 17, Alienware 15 R4, Latitude 5590, G3 17
	Latitude7320, Latitude7420, Latitude7520, Latitude9510
HP	Pavilion x360, ENVY x360, Pavilion 15-cc610ms, ENVY x2, Pavilion 15-cx0051ms, EliteBookFolio G1
	ENVY x2 Detachable 12-E068MS, ENVY Notebook 17-u193ms, EliteBook 1050
Lenovo	Legion Y7000, Legion Y7000P, Legion Y9000K, Miix 630, Flex 14 81EM000LUS, Flex 14 81EM000KUS
	Flex 5 81CA0013US, Ideapad 720S, Flex 5 81CA0016US, ThinkBook14, ThinkBook15, ThinkBook16

More devices will be updated continuously...

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08 FAQs

Q: What should I do if CrowView Note is not displayed ?

A: 1. Please make sure to power the CrowView Note through the Type-C Interface.
2. Please make sure your device supports Type-C with full-featured.
3. Reboot your device and CrowView Note.

Q: What should I do if the keyboard and touchpad of CrowView Note do not work when the HD cable is connected ?

A: Make sure the CrowView Note's ①USB-A intreface is connect to your master device.
If connect to the ① USB-A interface, the CrowView Note's keyboard and touchpad are not available.

Q: Why doesn't the CrowView Note's speaker make a sound ?

A: Please make sure whether the speaker volume of CrowView Note is 0 and your master device is muted.

Q: Why does the touchpad still not work even though I have connected to the CrowView Note ① USB-A ?

A: Please make sure that the touchpad is in an available state.
You can change the touchpad status by F2 or Fn+F2.

Q: If I connect two master devices at the same time, how should I switch the signal ?

**A:** You can switch the signal by F1 or Fn+F1.

Q: Why can't the CrowView Note power other devices ?

A: Please check if your device can be powered by 5V. The CrowView Note output is 5V.

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09 Parameters

Screen Size	15.6"
Resolution	1920*1080 (FHD)
Color Gamut	100% sRGB or 72% NTSC
Brightness	300cd/m²
Aspect Ratio	16:9
Power Supply	PD 5V-3A/9V-3A/12V-3A/15V-3A
Interface	1*Type-C(power supply) 1* Type-C (full-featured) 1* Type-C (power output) 1* Mini HD 2* USB-A
Battery	7.4V 6000mAh
Speaker	8Ω/2W 2*Speaker
Size	372*244*26mm
Weight	1545g

10 Packing List

CrowView Note*1

Adapter*1

User Manual*1
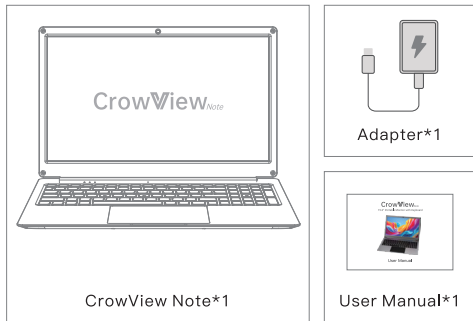
11 Customer Support

If you have any questions, customer support is always stand by.

✉ info@elecrow.com

✉ techsupport@elecrow.com

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