



# DC-ROMA LAPTOP II PRODUCT MANUAL

## DC-ROMA Configuration Parameters

Components	Specs
Personalization	RISC-V special key
CPU	RISC-V 64-bit 8-core CPU (up to 2.0GHz) AI Fusion Computing Engine (up to 2Tops@INT) Vector Engine (up to 256 Length)
DDR System	LPDDR4X
Display	14.1 inches IPS
	Resolution: 1920*1080 60Hz
Size	Height: 1.7cm
	Length: 32.3cm
	Width: 20.9cm
Body	Full Aluminum
Weight	1.36kg



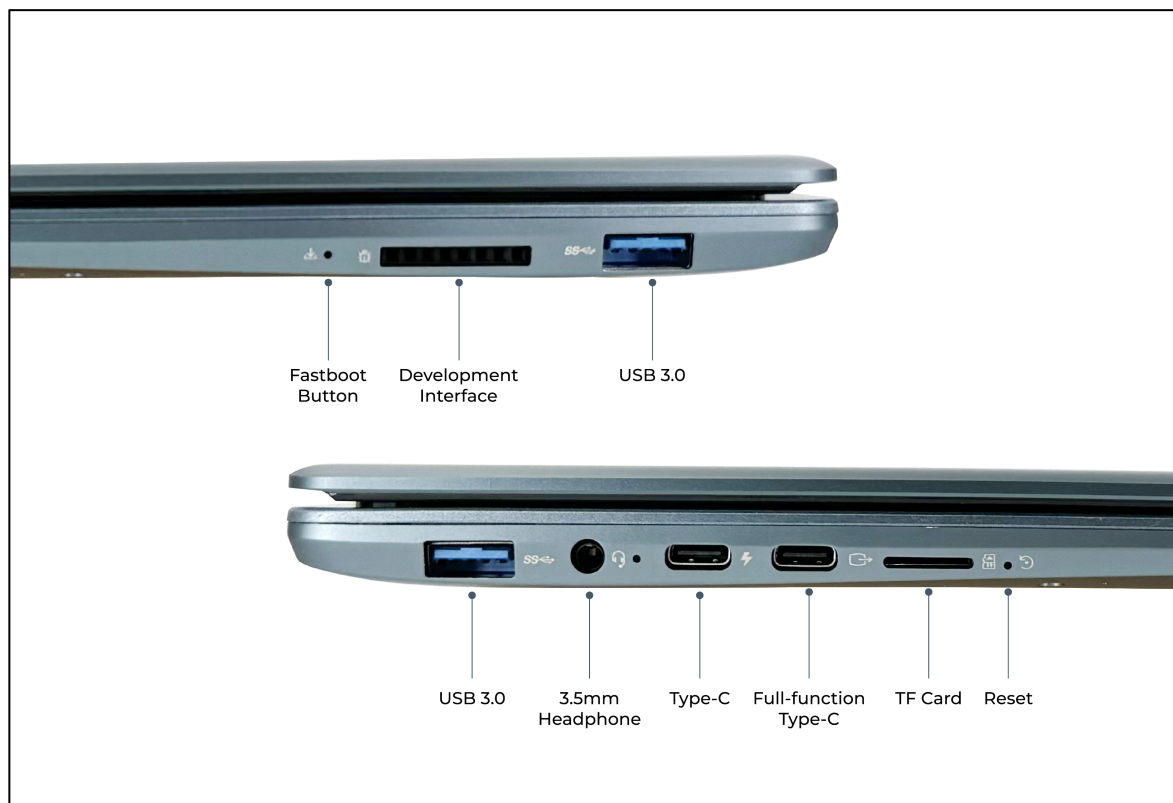
Battery	Up to 8 hours battery life
Memory	8GB/16GB
*Storage	Up to SSD 1T

*\*For storage configurations where the OS partition doesn't occupy the entire disk, users need to manually expand the last partition to utilize the full disk space.*

Expansion	Development interface
	USB 3.0 (5Gb/s)
	TF Card
	3.5mm headphone jack
	Type-C with support for charging and display
Wireless	WI-FI 6 & Bluetooth 5.2
Camera	1080p FHD
Operating System	Ubuntu Desktop 23.10
Root Password	roma



## Interface Description



## DC-ROMA Interface Diagram

1	USB	<ul style="list-style-type: none"> <li>• USB 3.0, a high-speed, high-power output interface standard, provides faster data transfer speeds and device charging capabilities</li> <li>• Compatible with USB 2.0 devices</li> </ul>
2	USB Type-C_1	<ul style="list-style-type: none"> <li>• Supports USB 3.0 standard, with a maximum data transfer speed of 5Gbps</li> <li>• Supports PD charging protocol</li> <li>• Supports DP video output</li> </ul>



3	USB Type-C_2	<ul style="list-style-type: none"> <li>• Supports USB 3.0 standard, with a maximum data transfer speed of 5Gbps</li> <li>• Supports PD charging protocol</li> </ul>
4	Speaker	Built-in speakers provide a high-quality audio experience
5	Charging Indicator	The green light flashes while charging, and stays on green when fully charged
6	Running Indicator	The blue light stays on when running
7	Caps Lock Indicator	The blue light stays on in cap lock mode
8	Touchpad Disable Indicator	The blue light stays on when the touchpad is disabled
9	TF Card	Supports TF card. After inserting the TF memory card, data can be transferred to the device through the TF card slot
10	Touchpad	Touch, slide, click and other operations are performed by fingers or stylus, and various gesture operations are supported, such as zooming, scrolling, etc.
11	Headphone/Microphone Interface	3.5mm jack for connecting headphones or microphone to the device
12	Keyboard	Used for input devices, including English letter and



		number keys, symbol keys and function keys, etc.
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## Charging Precautions

1. Use the original adapter: For safest operation use the original charge adapter to ensure that the charging current and voltage match the device requirements and avoid undercharging or overcharging.
2. Avoid overcharging: Do not keep the laptop in the charging state for longer than necessary to avoid affecting the battery life. It is generally recommended to unplug the charger as soon as the battery is fully charged.
3. Do not use low-quality chargers: Low-quality chargers may cause damage to the computer or battery and cause safety issues. Choose official channels to buy branded chargers.
4. Avoid charging in high temperature environments: Charging in high temperature environments for a long time may cause the battery to overheat and damage battery life. Try to choose a well-ventilated environment for charging.
5. Avoid frequent plugging and unplugging of the charger: Frequent plugging and unplugging of the charger may cause wear on the battery interface and affect charging characteristics.



## Technical Specifications

Environmental Requirements	Working temperature: 0°C~40°C
	Working humidity: 20~80 (%RH)
Audio	3.5mm
Size	323x209x17mm

## DC-ROMA Components

Name	Quantity	Unit
DC-ROMA Laptop II	1	pc
Welcome Card	1	pc



## Contact Us

Please contact our sales team if you have any questions: **[sales@deepcomputing.io](mailto:sales@deepcomputing.io)**