

1. Open the Argon THRML Heatsink Cover at the bottom of the Argon ONE UP Laptop.
2. Install your desired Raspberry Pi Compute Module 5. This unit is only compatible with Compute Module 5.

**WARNING** ⚠

- Make sure POWER LED is OFF before changing the CM5 MODULE
- Align CM5 MODULE pins vertically before pressing down

3. Install a M.2 NVMe SSD that is loaded with the Raspberry Pi OS or your desired Raspberry Pi compatible Debian operating System.
4. Screw back the Argon THRML Heatsink. Make sure the put thermal pads on the CPU, RAM and Power management Chip of the Compute Module, Add thermal heatsink also on the M.2 NVMe SSD.
5. Connect a 45W PD Power Supply.
6. Power ON.
7. Install the ARGON ONE UP Script to enable features like: FN buttons for Volume, Brightness and Battery Status
  - a. Connect to the INTERNET
  - b. Open Terminal
  - c. Type the following command it initiate the installation of the ARGON ONE UP Script

```
curl https://download.argon40.com/argononeup.sh | bash
```

- d. Reboot

**For users installing alternative Debian-based operating systems, please ensure the following settings are included in `config.txt` in order to enable the keyboard, trackpad and external antenna.**

```
dtparam=uart0=on
dtoverlay=dwc2,dr_mode=host
dtparam=pciex1_gen=3
usb_max_current_enable=1
dtparam=ant2
```

### Argon ONE UP CM5 Laptop Shell

Includes: ONE UP 40 Pin GPIO Module  
Model No. A25-011-ONE-UP-14A

### Argon ONE UP CM5 Laptop Core System

Includes:  
ONE UP 40 Pin GPIO Module  
Raspberry Pi CM 5 Module, wireless, 8Gig RAM  
Argon Dataterm 256 Gig M.2 NVMe SSD  
Model No. A25-010-ONE-UP-14A-C58-256

Power Requirements:  
5Volts, 45W PD Power Supply

Designed & Manufactured by



Assembled in China

## Designed for the Open Source community



This device complies with part 15 of the FCC Rules, Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

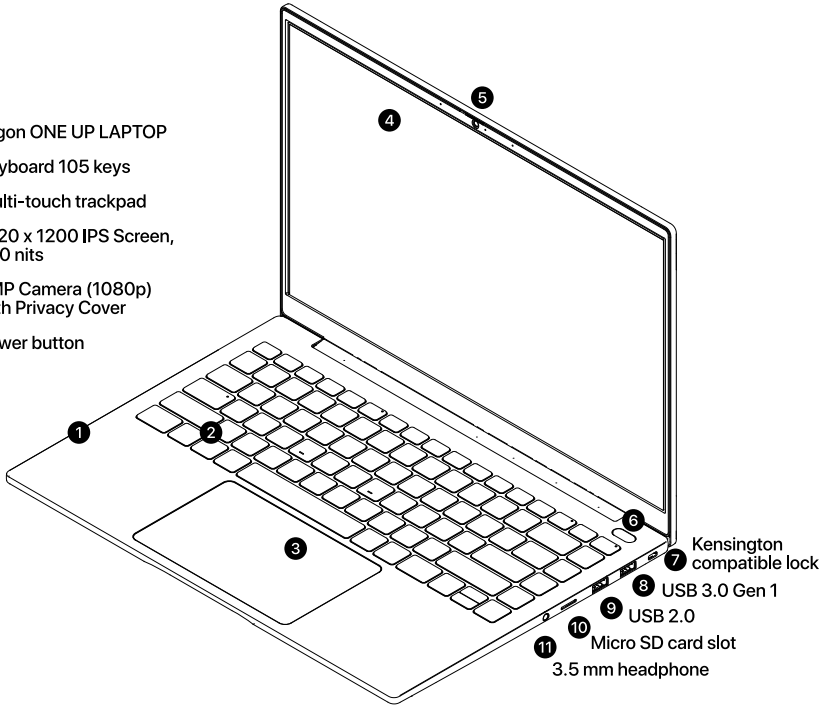
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

- 1 Argon ONE UP LAPTOP
- 2 Keyboard 105 keys
- 3 Multi-touch trackpad
- 4 1920 x 1200 IPS Screen, 250 nits
- 5 2MP Camera (1080p) with Privacy Cover
- 6 Power button



- 12 Argon THRML Heatsink Cover
- 13 Raspberry Pi Compute Module 5
- 14 CM5 Socket
- 15 Active Cooler exhaust vent

