Argon ONE UP

QUICK START GUIDE

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

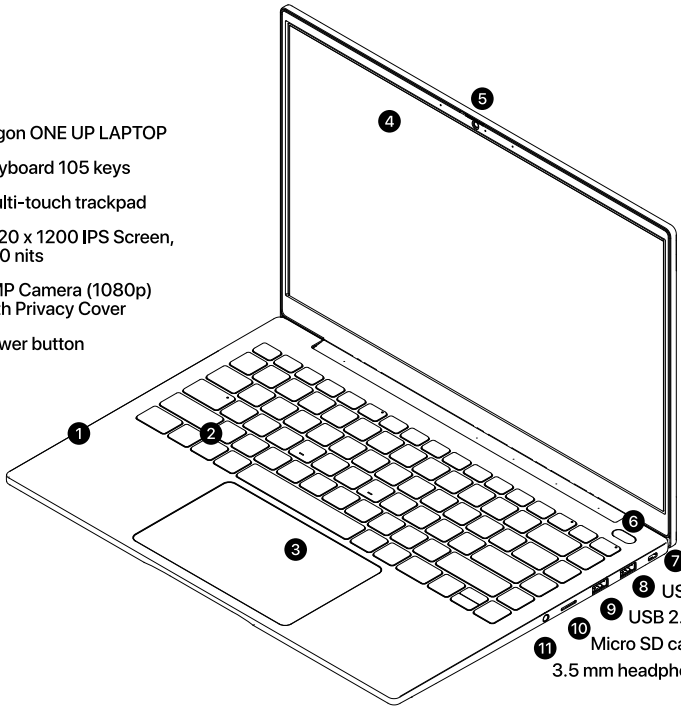
Designed & Manufactured by Argon Forty

Assembled in China

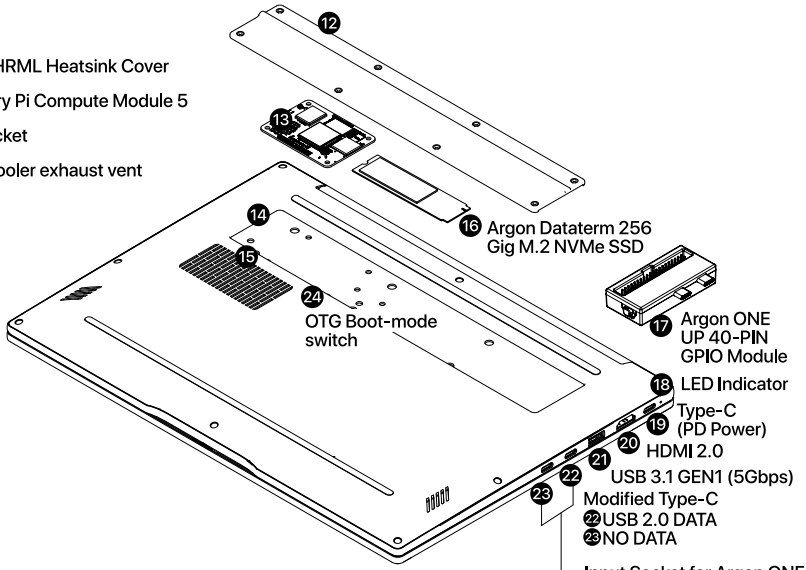
Designed for the Open Source community

Argon ONE UP

PARTS LIST



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
7. Kensington compatible lock
8. USB 3.0 Gen 1
9. USB 2.0
10. Micro SD card slot
11. 3.5 mm headphone



12. Argon THRML Heatsink Cover
13. Raspberry Pi Compute Module 5
14. CM5 Socket
15. Active Cooler exhaust vent
16. Argon Dataterm 256 Gig M.2 NVMe SSD
17. Argon ONE UP 40-PIN GPIO Module
18. LED Indicator
19. Type-C (PD Power)
20. HDMI 2.0
21. USB 3.1 GEN1 (5Gbps)
22. Modified Type-C
    22 USB 2.0 DATA
    23 NO DATA
23. Input Socket for Argon ONE UP 40-PIN GPIO Module
24. OTG Boot-mode switch