BUILT TO LAST.

Portable. Powerful Cooling. No Compromises.

Pi Case 40 V2, the best performing passive cooling Raspberry Pi case on the market built for high portability and extra durability, has been upgraded with integrated user feedback. Now featuring standardized GPIO ports and a bonus jumper cable for an even wider range of hardware compatibility. The Pi Case 40 V2 provides a long lasting, premium enclosure for Raspberry Pi pro-users, featuring a sleek aluminum shell, and a high grade TPU bumper for further protection. Once assembled, the system provides silent, efficient cooling without the need of an additional fan, even at high clock speeds thanks to the aluminum shell. All connections are re-routed on the sides, allowing for a better look and accessibility. The Pi Case 40 V2's accessibility and high material quality makes it one of most reliable travel cases for Raspberry Pi users.

FEATURES

Cool-Looking, Cooler-Running Aluminum Core–
The Pi Case 40 V2 is the best performing passive cooling case of its kind on the market, thanks to the aluminum core which serves as a large heatsink, enabling higher GPU and CPU frequencies out of the box.

Reprogrammable Power Button –
The Pi Case 40 V2 comes with a built-in multifunction button, set to power on/off by default. This button can be easily reconfigured to multiple actions via the dedicated Cooler Master designed, open source Pi Tool.

Easy-access IO Ports –
All ports are quickly accessible thanks to a no-interference design. Standardized GPIO ports are rotated 90 degrees and accessible via the side flap in the TPU bumper, allowing for protection when closed and easy access when opened. Display and camera connectors remain within the enclosure for extra protection, with a slit in the TPU bumper to allow cables to be routed outside.

Bonus Jumper Cable –
Upgraded with a bonus jumper cable following a series of community feedback collection and implementation, enabling users with a requirement for HATs compatibility to make full use of the Pi Case 40 V2.

Disclaimer: - Pi case 40 V2 does not provide mechanical support for HATs, the jumper cable only provides a way to connect HATs to the system outside the enclosure in case of need

Universal Mounting –
4 VESA/wall mounting brackets come included to fix your Raspberry Pi to every surface and monitor.

Designed For On-The-Go Users–
The Pi Case 40 V2 is thoughtfully designed to be portable and durable, keeping your Raspberry Pi safe from impacts, minor liquid splashes, and light dust at all times.

SPECIFICATIONS

Product Name		Cooler Master Pi Case 40 V2
Product Number		MCM-PI400-MNNN-S01
Exterior Color		Gun Metal, Black
Materials	Paneling	Aluminum, Plastic
	Outer shell	TPU
Dimensions (L x W x H)		96x68.2x27.3mm(Excluding protrusions) 96x68.2x28.58mm(Including protrusions)
Volume		0.18L
Raspberry Pi Boards Support		Raspberry Pi 4 Model B
Additional I/O		Yes, 1x re-mappable power button
Access to I/O	Side I/O	Yes
	GPIO	Yes
	SD Card	Yes
	Display	Yes
	Camera	Yes
CPU Cooling	Active	No
	Passive	Yes
Included Accessories		4x Modular Mounting Brackets 1x Allen Key 2x Thermal Pads 1x GPIO 90° adapter + ON/OFF switch 1x 40pin Jumper cable
Power Supply		Not Included
Warranty		2 Years

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EAN code	4719512123485
UPC code	884102095801
Carton Net Weight	7.0 kg (40pcs per carton)
Carton Gross Weight	9.2 kg
Retail box dimension (L x W x H)	147x100x32mm
Carton dimension (L x W x H)	355x310x240mm

Cont.	W/ Pallet	Carton/ Pallet	W/O Pallet
20’	30720	64	42960
40’	61440	64	87840
40 HQ	76800	80	105040

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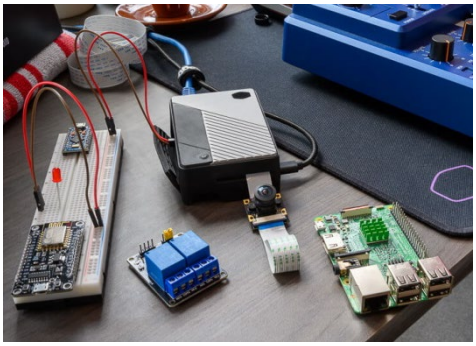

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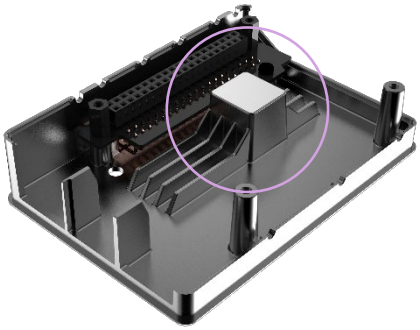

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Open Source, Versatile Design

Built as a passion project for the community, the Pi Case 40 V2 is designed to be open source, and fully customizable for a multitude of uses. Design assets are free to download and modified for 3D printing. Retro-compatibility, different mounting attachments, new colorations, customized top designs... anything is possible with the Pi Case 40 V2.

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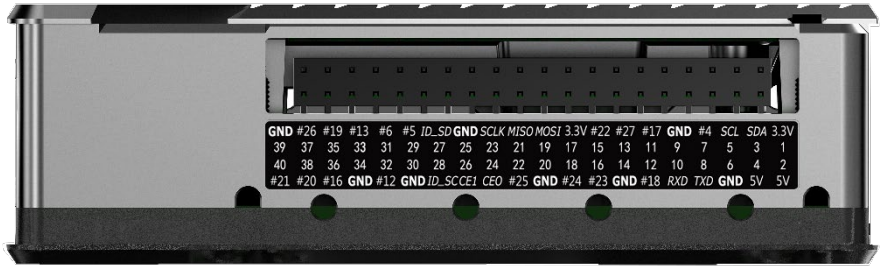
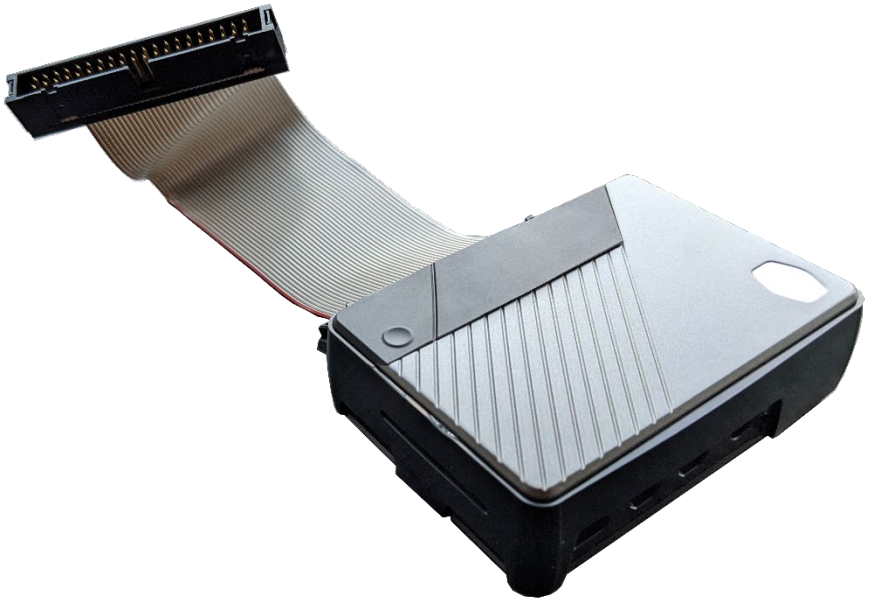


Standardized GPIO layout

Compared to the first version, Pi Case 40 V2 now offers the original Raspberry Pi GPIO layout. This is to facilitate the use of devices that require 3 or more pins arranged according to the original layout of the internal board.
A new pinout legend is available on the side of the case, under the protective TPU flap.



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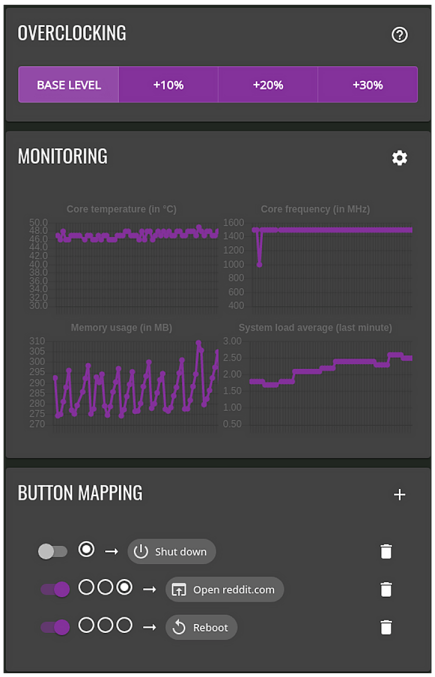
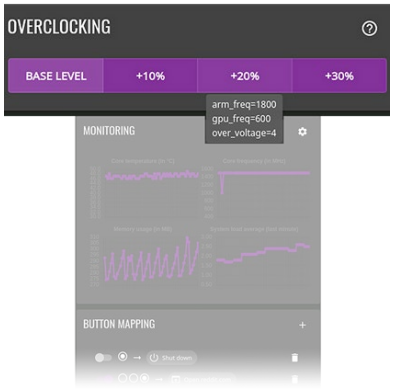
SOFTWARE: PI TOOL



ALL-IN-ONE UTILITY SOFTWARE FOR PI CASE 40

Pi Tool allows users access to a basic set of overclocking profiles, tested and validated based on the thermal performance of Cooler Master's Pi Case 40 V2 enclosure, monitoring of system metrics, and assignment of multiple functions to the built-in button.

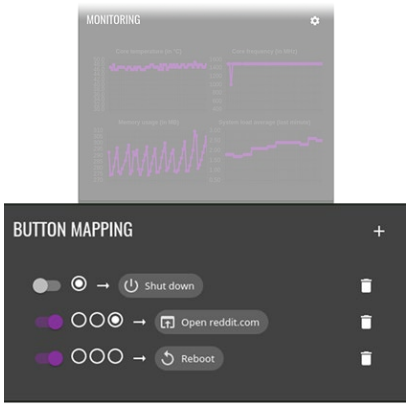
The Pi Tool can be installed on Raspberry Pi OS on a Raspberry Pi 4. Installing it is very simple: Just open a terminal, paste into it the code lines hosted on the Pi Case 40 V2 product page and hit enter.
The installer will then guide you through the installation.



The overclocking feature included in Pi Tool modifies the following values in /boot/config.txt: over_voltage, arm_freq, gpu_freq.
Users can further modify the overclocking, by editing the values themselves.

⚠ For this operation, a 3A 5V power supply is highly recommended.

Pi Tool offers a section dedicated to monitoring the system's status and performance, useful to track thermal output and clock speed when adjusting overclocking settings and to have a quick visual representation of the system's status.



Pi Case 40 V2 includes a button that shortens pin 5 and 6 when pressed (GPIO3 and GND). Out of the box, this allows us to wake up a Raspberry Pi from its halt state. Pi Tool builds upon this function by allowing users to not only assign a function to the button to be triggered when the system is running but also to set up sequences of short and long button presses, allowing additional functions to be triggered by the same button.