

# Argon ONE M.2 Aluminum Case for Raspberry Pi 4 - With SSD support via M.2, Two Full-Sized HDMI, Power Button, Cooling Fan & IR Support

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## PRODUCT DETAILS

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### Features

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- Sleek aluminum alloy enclosure
- M.2 SATA SSD compatible with Key-B or Key-B&M
- UASP supported for high-speed data transfers with Raspberry Pi 4
- Two full-sized HDMI ports with 4K output
- Two power management modes with automatic booting or “Always ON Mode”
- Built-in power button for safe shutdowns reboots and forced shutdowns
- Efficient passive cooling with the whole top part of the case being a heatsink
- Built-in 30mm fan with software-controllable fan speed
- Programmable IR support to the Raspberry Pi with streamlined options
- All the connectors are located at the back for neat cable management
- Plastic base for excellent Wi-Fi signal strength
- Easy installation with magnetic removable top
- Easily accessible GPIO with color-coded pinouts

## Description

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Do you own an Argon ONE case but wanted m.2 SSD support and full-sized dual HDMI connectors?

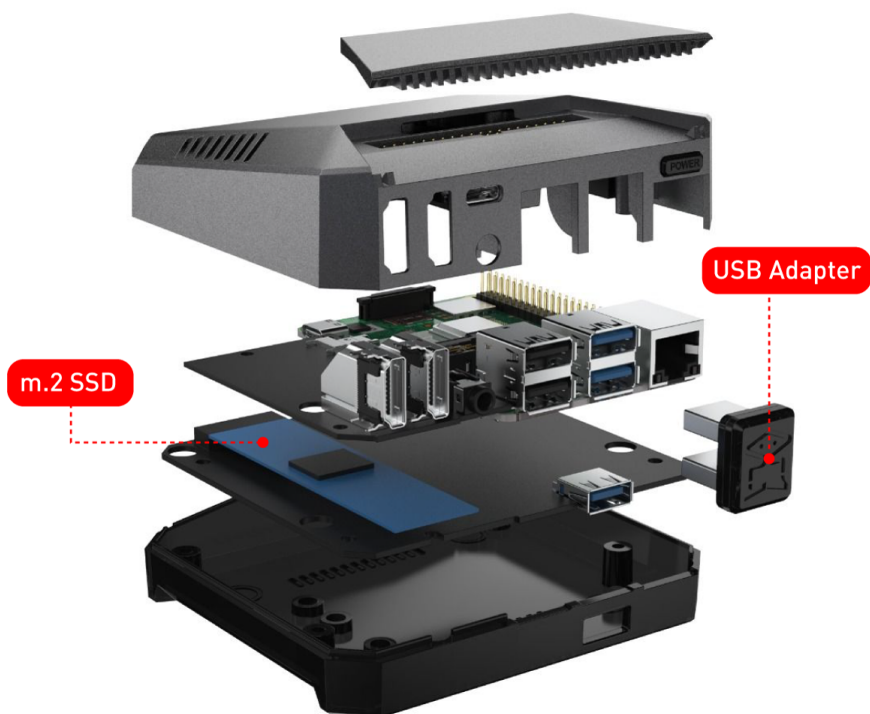
Well.... Argon ONE M.2 case is here!

Argon ONE M.2 is a Raspberry Pi 4 compatible case that is made with aluminum alloy and polished with a modern Space Grey finish for stunning aesthetics and functionality. It offers one of the best cooling solutions for Raspberry Pi 4. The case has an extension that connects to the processor with a thermal cooling pad so that heat from the processor is transferred to the case. This means that the case becomes a heatsink passively cooling the motherboard so that the computer can work without building up much heat. Also, the case comes with a built-in PCB board with a 30mm fan attached to actively cool the Raspberry Pi further. These two cooling systems combined guarantee long-lasting use without overheating. The fan speed can be configured easily at any time via the terminal. Also, it has front and rear vents for better airflow.

## Connect an SSD to your Raspberry Pi 4

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Now you can connect M.2 SATA SSD drives with Key-B or Key-B&M of any size to your Raspberry Pi using this case. It has an M.2 connector inside the case and you can connect the provided USB 3.0 adapter to one of the USB ports on the Raspberry Pi and the USB port on the case for the m.2 to function. The connection is also UASP supported, which means, it allows for high-speed data transfers. This enables the SSD drive to be used as a boot drive for your Raspberry Pi, which can dramatically increase boot times.



## Two full-sized HDMI connectors

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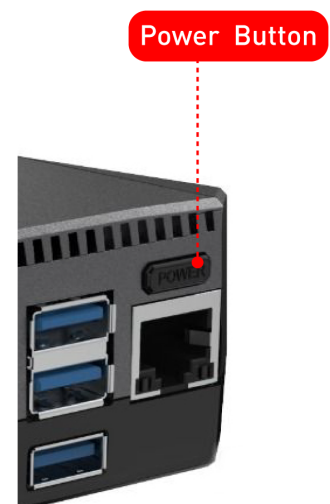
Raspberry Pi 4 generally has 2 micro-HDMI connectors and it will not be very convenient sometimes to find a micro-HDMI to full-size HDMI cable when you want to connect your Raspberry Pi 4 to an external display. However, this Argon ONE M.2 Case solves this issue by including two full-sized HDMI connectors for your convenience.



## Power Button for your Raspberry Pi

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Normally a Raspberry Pi gets powered as soon as you connect it to the power supply and does not have a power button onboard. Well...Argon ONE can change the way you interact with your Raspberry pi 4. With the power button installed on the case, you can easily turn on your Raspberry Pi and perform safe shutdowns, reboots, and forced shutdowns.



## Easy Assemble with all ports to the back for better cable management

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Assembling the case with the Raspberry Pi is very easy. Install the Argon ONE Script that unlocks the full functionality of the Argon ONE case. All the ports are accessed at the back, making it more manageable with minimal cable clutter and easy cleaning. This also

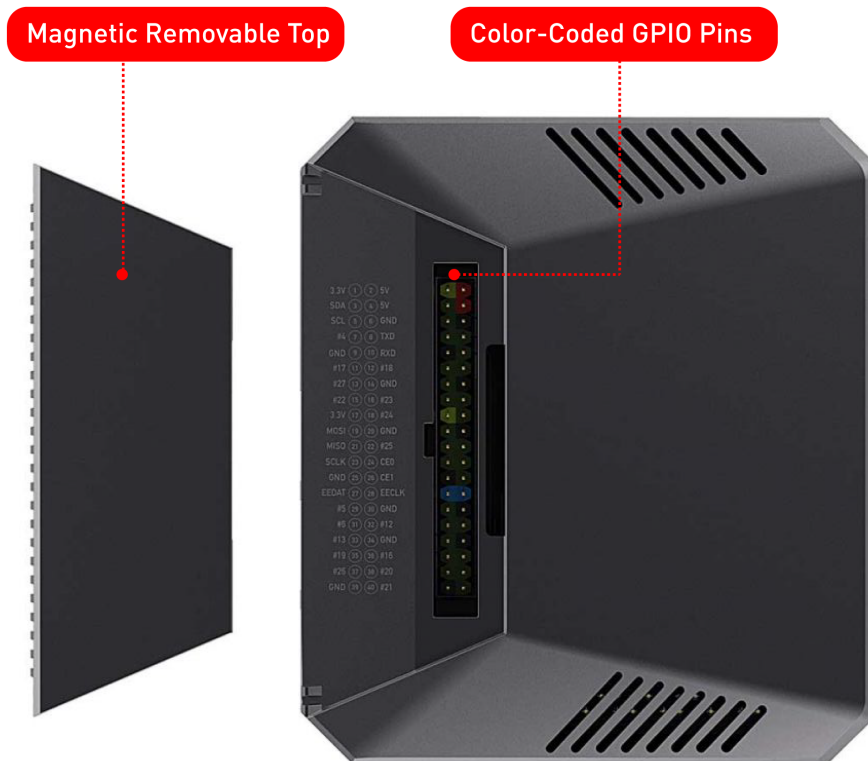
makes it easy to tidy and pack up when on the move without compromising any ports of the motherboard.



## Color-coded GPIO Pins

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The case was designed with one main purpose, protecting the Raspberry Pi without compromising the full functionality of the motherboard. The built-in PCB board extends the GPIO pins of the Raspberry Pi with the pins being color-coded to easily identify the pin functions. Also, the pins are clearly labeled for convenient use. When the pins are not in use, they're covered and protected by a magnetic removable top. This makes the Pins accessible at all times, allowing the Raspberry PI to be used in various electronics projects.



The case comes with a top and bottom, 4 screws, a built-in PCB Board, a silicon cooling pad, and a PCB Board that extends the audio and micro HDMI ports. Assembling the raspberry pi with the case though is as easy as 1, 2, 3 or A, B, C. Combining the parts together is simple and intuitive. All that's needed is a four-way screwdriver, and that's just to tighten the screws to the bottom of the case. No special tools needed at all. After placing the Raspberry Pi and installing the OS on the SD Card, a one-line script needs to be typed into the terminal so that the power button and fan can be used.

## Power Management Modes and IR support

This case enables two power management modes with automatic booting or “Always ON Mode” and has programmable IR support to the Raspberry Pi with streamlined options

## Part List

1 x Argon ONE M.2 Pi 4 Case

## ECCN/HTS

HSCODE 8543909000

UPC