Argon One M.2 Aluminum Case for Raspberry Pi 4 Model B with M.2 SSD Expansion Slot GPIO Cover Cooling Fan for Raspberry Pi 4

Introductions:

Argon 40 chose an aluminum Case around the Raspberry PI to provide additional functions for the PI.

The latest Argon One M.2 of the Argon One series, it looks exactly the same as other Argon box, but some of you will notice that it is slightly taller. Argon One M.2 has a plastic lifting base, where we found an M.2 SATA to USB carrier board, which provides an SSD interface to enable our Raspberry PI to boot from the SSD.

Argon One M.2, just like the previous Argon M.2, it has an angular appearance. The aggressive lines on the top of the aluminum chassis provide a sleek aesthetic for the relatively large chassis, measuring 4.1 x 3.6 x 1.5 inches (105 x 93 x 39 mm).

In the case of the front and side, we did not see the slots or ports, on the contrary, Argon ONE M.2 follows the design aesthetics of the previous model and routes all the ports to the rear. All of our usb ports and ethernet jacks are facing back. your Raspberry PI 4 will have two full-size HDMI-compatible ports, a USB C port and headphone jack. On a plastic lifting base, we see an additional USB3.0 port, which is

used to connect the internal M.2 SATA drive to the PI's USB.

Features:

The Argon ONE M.2 Case ups the ante by providing

(1) two full-sized HDMI-compatible ports

(2) Power Management Modes that allows for automatic booting

(3) Built-in IR support with streamlined options for configuration and

(4) Integrated M.2 SATA SSD support through the USB 3 Ports of the Raspberry Pi 4.

Argon ONE M.2 Case extended support for M.2 SATA SSDs allows you to maximize the true potential speeds of your Raspberry Pi 4. You will now be able to boot via an M.2 SATA SSD for faster boot times and larger storage capacity compared to the traditional microSD Card.

Argon ONE M.2 is UASP Supported for the Raspberry Pi 4 which means you can maximize the transfer speeds of your M.2 SATA Drive.

It is compatible with any M.2 SATA SSD with Key-B and Key B&M.

M.2 SATA SSD to USB3.0 Board Features:

1. Accepts M.2 SSD NGFF Key B and Key B+M

2. SSD size : NGFF M.2 2280 2260 2242 2230

3. Chipest: ASMedia Technologies - ASM1153E

4. Compliant with USB 3.0 Specification Revision 1.0

5. Up to 6 Gbps transfer speeds

M.2 SATA SSD Compatibility

Accepts any size of M.2 SATA SSD with Key-B or Key-B&M.

Not compatible with M.2 NVME storage drives.

UASP Supported for Raspberry Pi 4

Maximizes the high speed data transfers for Raspberry Pi 4

Two Full-Sized HDMI-compatible

Improves the dual-monitor support of the Raspberry Pi 4 for its video input

Please use standard quality HDMI-compatible cable for this case.

Power Management Modes

Offers 2 power management options with automatic booting or "Always ON Mode"

Built-in IR Support

Programmable IR support to the Raspberry Pi with streamlined options. Works out of the box with the Argon ONE Remote.

Active Cooling

Software Programmable 30mm FAN via the Argon ONE software

Passive Cooling

Aluminum alloy top case acts as a giant heatsink connected to the CPU of the Raspberry Pi 4

Cable Management

Repositioned all ports to the back of the Raspberry Pi 4 to highlight its sleek and modern design.

Magentic Removable Top & Access to GPIO

Extending the GPIO pins to use the case in multiple projects. And it specially has a magentic removable cover for the GPIO hole , so that you can close the GPIO hole

Packing List:

Option 1:
1 x Argon ONE M.2 Case
1 x Instruction Manual
1 x Video/Audio PCB Extender
1 x GPIO-Fan PCB HAT
1 x Silicon Thermal Pads
(notinlcude Raspberry Pi)

Option 2:
1x Argon ONE M.2 Case
x Instruction Manual
1 x Video/Audio PCB Extender
1xGPIO-Fan PCB HAT
1x Silicon Thermal Pads
1x 128GBM.2 Sata SSD
1x Screws Drive
(not inicude Raspberry Pi)

Case + 128G SSD

Option 3:

1 x Argon ONE M.2 Case

1 x Instruction Manual

1 x Video/Audio PCB Extender

1 x GPIO-Fan PCB HAT

1 x Silicon Thermal Pads

1 x 512GBM.2 Sata SSD

1 x Screws Driver

(not inlcude Raspberry Pi)

Case + 512G SSD

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