

Pi-Box Pro 5/5+ and Rack Fronts for Raspberry Pi5

Pi-Box Pro 5 Enclosures



MP013548



MP013549

Description

The Pi-Box Pro 5 is a rugged industrial enclosure kit for the Raspberry Pi5. By utilizing our Micro HDMI Pi5 extender board we can turn the power and Micro HDMI connectors through 90° so that they are on the same plane as the Ethernet and USB connectors. The rear panel is made from 3mm acrylic and allows for communication via Bluetooth and Wi-Fi signals from the Pi5. The SD Card is accessible through a slot once the enclosure is assembled.

Pi-Box Pro 5+ Enclosures



MP013553



MP013554

Description

Pi-Box Pro 5+ is an industrial enclosure kit for the Raspberry Pi5, designed with a smooth and sleek look. By utilizing our Micro HDMI Pi5 extender board we can turn the power and Micro HDMI connectors through 90° so they are on the same plane as the Ethernet and USB connectors. The rear panel is made from 3mm acrylic and allows communication via Bluetooth and Wi-Fi signals from the Pi5. The SD Card is accessible through a slot once the enclosure is assembled. Pi-Box Pro 5+ has the same internal kit as the Pi-Box Pro 5 but is housed in the Combi Case extrusion. Ideal for those who wish to have a rugged aluminium case but not an industrial look.

Pi-Box Pro 5/5+ and Rack Fronts for Raspberry Pi5

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The Pi-Box Pro 5 and Pi-Box Pro 5+ kits come with:

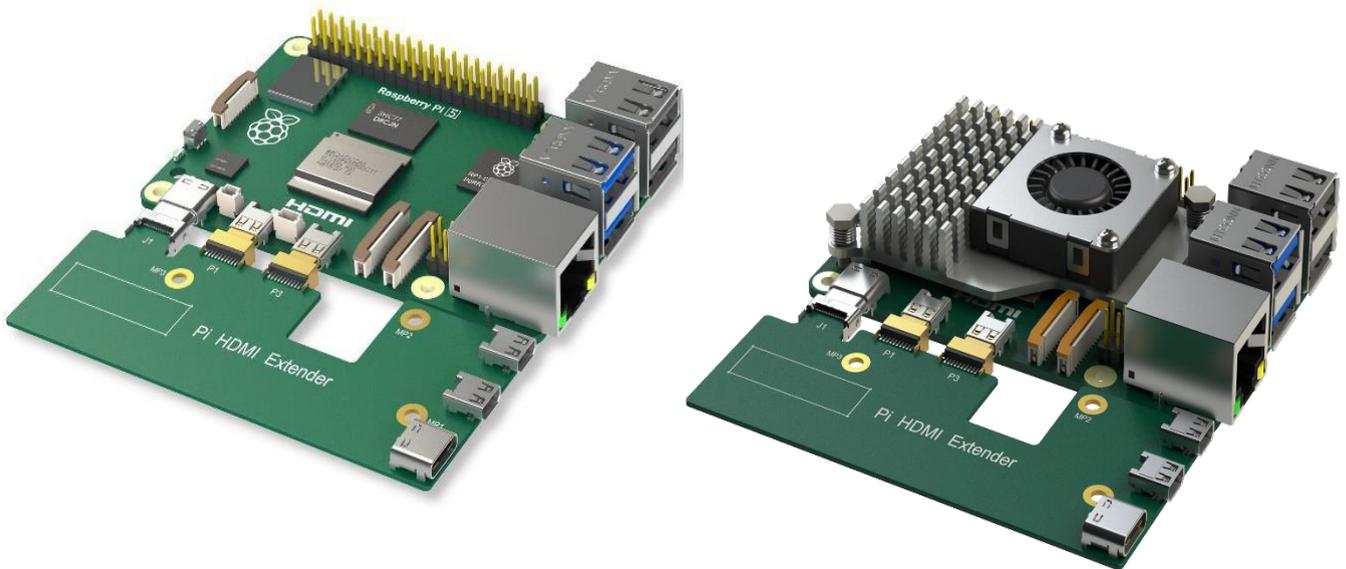
- x8 M3x10 Taptite Screws
- x14 M2.5x5 Screws
- x4 12mm Standoffs
- x3 8mm Standoffs
- x1 Aluminum End Plate
- x1 HDMI Extender PCB
- x1 Aluminium Carrier Plate
- x1 Aluminium Extrusion
- x1 Acrylic End Plate

Pi-Box Pro 5/5+ kit is set up to use with the Active Cooling Fan (SC1148)

With the release of the Raspberry Pi5/5+, the temperature of the processor under 100% usage has become an issue. When the processor gets too hot it throttles back which could compromise the application that the Pi is being used to perform.

As a solution, we have developed an Active Cooling Fan Kit (SC1148) which combines a large metal heatsink with a variable-speed blower that transfers the heat from the processor and the RAM chip out to the enclosure.

Raspberry Pi with the Extender Board



The Pi-Box Pro5 and Pro5+ is designed to house the Raspberry Pi 5, our Extender Board and the Raspberry Pi Active Cooler (SC1148) as shown.

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Pi-Box Pro 5/5+ and Rack Fronts for Raspberry Pi5



1U 19" Rack Fronts and Pi-Box 5 Enclosures



MP013550



MP013551



MP013552

Description

- A 1U 19" extruded aluminum rack panel milled to fit a removable PI-Box Pro 5 or 5+ unit(s).
- Available in 1-, 2- or 3-unit versions.
- Panels are available in black anodized with a brushed finish.
- PI-Box Pro 5/5+ units include an Extender Board to align the power and micro-HDMI connectors onto the same plane as the Ethernet and USB connectors.

Extrusion

Material : Aluminum 6063 T6 (HE9)
 Finish : Silver anodized 5µm or black anodized 10µm

Front End Plate

Material : Aluminum 5005 sheet
 Finish : Black anodized 10µm
 Thickness : 1.5mm

Rear End Plate

Material : Acrylic
 Finish : Black
 Thickness : 3mm

Features

- 1, 2 or 3 units wide
- Removable units
- Black anodized with a brushed finish.

Part Number Table

Description	Part Number
Pi-Box Pro 5, RPI5, Silver	MP013548
Pi-Box Pro 5, RPI5, Black	MP013549
Pi-Box Pro 5+, RPI5, Silver	MP013553
Pi-Box Pro 5+, RPI5, Black	MP013554
1U 19" Rack Panel, Black, x1 Cutout	MP013550
1U 19" Rack Panel, Black, x2 Cutout	MP013551
1U 19" Rack Panel, Black, x3 Cutout	MP013552

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