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

multicompPRO

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.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

Page <1>

19/02/25   V1.3

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

The Pi-Box Pro 5 and Pi-Box Pro 5+ kits come with:
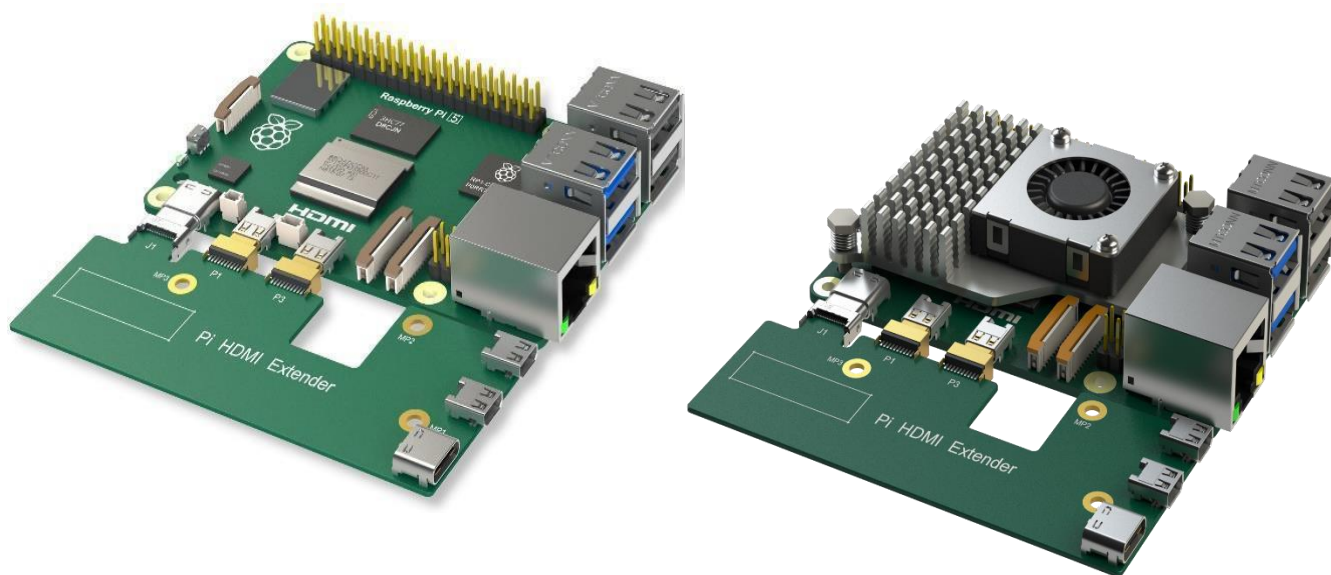
x8 M3x10 Taptite Screws
x14 M2.5x5 Screws
x4 12mm Standoffs
x3 8mm Standoffs
x1 Aluminum End Plate
x1 HDMI Extender PCB
x1 Aluminium Carrier Plate
x1 Aluminium Extrusion
x1 Acrylic End Plate
Pi-Box Pro 5/5+ kit is set up to use with the Active Cooling Fan (SC1148)

With the release of the Raspberry Pi5, 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.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicomp PRO

Page <2>

19/02/25   V1.3

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

multicompPRO

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

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

19/02/25   V1.3