Pegasus Astro Quick Release Plate



In the box

- 1 x Quick Release Plate
- 4 x 7mm spacers
- 4 x M3x10mm Countersunk bolts
- 2 x M3x 6mm Counterbore bolts
- 2 x 5mm spacers
- 1 x MiniPC Quick Release Mount
- 2 x M3x6mm Countersunk bolts

Purpose

- **Pegasus Astro Devices:** Mount devices directly on top of the **Pocket Powerbox Advance Gen 3 (PPB ADV Gen3)**enclosure.
- **Mini PCs:** Attach various mini-PCs (such as MeLE or Intel NUC-style units) directly to the ***Quick Release Bracket*** using the included ***MiniPC QR Mount***.

Features and Compatibility

- **High-Friction Silicone Grips:** Features an intuitive push-and-slide locking mechanism for quick gear swaps and slip-free stability required in astrophotography.
- **Base Unit Compatibility:** Attaches natively to the **PPB ADV Gen3** and **UCH v2** enclosure.
- **Compatible Top Mounted Accessories:**
    - PPB ADV Gen2
    - PPB Micro
    - UCH
    - Dew Master v2
    - PPB ADV Gen3 and UCH v2 (stacked configuration)
    - MeLE PC, Intel NUC, and compatible Mini PCs (via *MiniPC QRB Mount*)

INSTALATION

1. Installing the *Quick Release Plate* on the PPB ADV Gen3



- **Position Spacers:** Place the **four (4) 7 mm spacers** directly over the threaded M3 mounting holes located on the top cover of the PPB ADV Gen3.



- **Align Plate:** Place the ***Quick Release Plate*** onto the four spacers.



- **Secure Hardware:** Fasten the ***Quick Release Plate*** using the **four (4) M3 × 10 mm bolts** until snug.

2. Mounting a Pegasus Astro Device

Step 1: Install Securing Bolts on the Device

1. Flip your Pegasus Astro device upside down.
2. Place one **5 mm spacer** onto each of the **two (2) M3 × 6 mm Counterbore bolts**.
3. Thread and tighten the bolts into the two M3 holes on the bottom cover.

- *Note:* Depending on your device model, these holes run either **perpendicular** or **along the length** of the enclosure.



Perpendicular M3 holes



Along the length M3 holes

Step 2: Attach to the Quick Release Plate

Perpendicular M3 holes



- Align the two securing bolts on the bottom of the device with the **large round openings** of the plate slots.



- Press the device straight down against the silicone grips.



- While applying downward pressure, slide the device toward the **center** of the ***Quick Release Plate*** until it locks into place.
- Release pressure. The device is now securely fastened.

Along the length M3 holes



- Align the two securing bolts on the bottom of the device with the **large round openings** of the plate slots.



- Press the device straight down against the silicone grips.



- While applying downward pressure, slide the device toward the **center** of the ***Quick Release Plate*** until it locks into place.
- Release pressure. The device is now securely fastened.

Step 3: Unmounting the Device

1. **Press down** on the top of the mounted device.
2. **Slide it outward** until the securing bolts align with the **large round openings** of the slots.
3. **Lift** the device off the ***Quick Release Plate*** bracket.

Installation Examples

UCH



PPB Micro



Dew Master v2



PPB ADV Gen 3



Mounting a Mini PC on the *MiniPC QR Mount*



MiniPC QR Mount



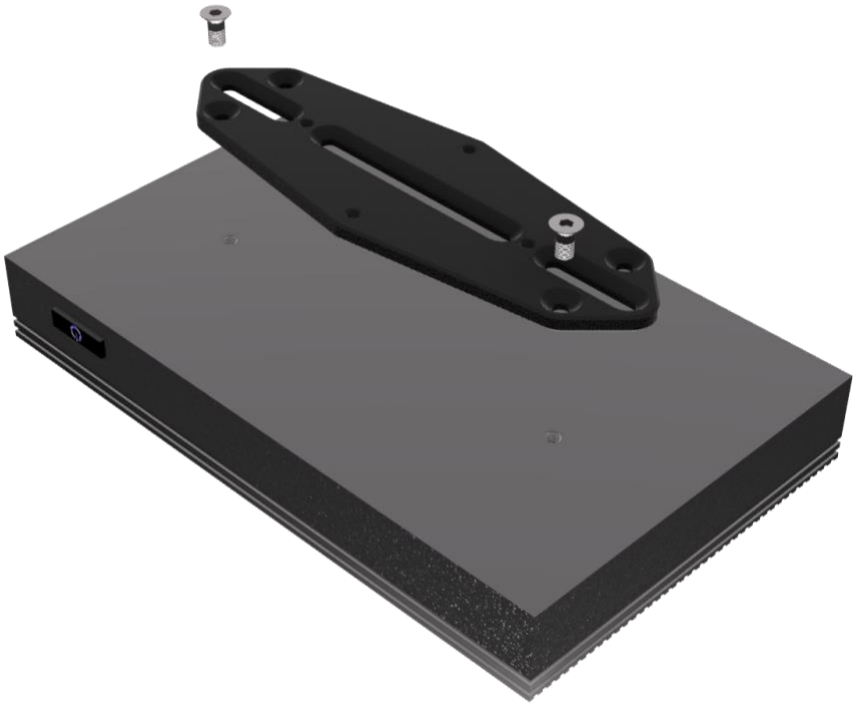
Mele PC M3 Holes



Intel NUC-style MiniPC Slots

Step 1: Attach the MiniPC QR Mount to the Mini PC

- Flip your Mini PC upside down to access the mounting holes on the bottom cover.



- Position the **MiniPC QR Mount** over the holes:



- Use **two (2) M3 × 6 mm bolts** on the **2 of the 4 dedicated outer holes** for **MeLE QuietPC** models.



- Use the **3 elongated slots** for **Intel NUC-style** Mini PCs.



- Fasten the MiniPC Mount using **two (2) M3 × 6mm bolts**.

Step 2: Prepare Quick Release Hardware

- Place one **5 mm spacer** onto each of the **two (2) M3 × 6 mm Counterbore bolts**.
- Thread and tighten these bolts into two of the four available mounting holes on the MiniPC Mount.



Tip: Choose the pair of mounting holes that aligns the Mini PC in your preferred orientation (**parallel** or **perpendicular** to the slots on the Quick Release Bracket).

Step 3: Attach the Mini PC to the QR Plate



- Align the bolts on the MiniPC Mount with the **large openings** of the ***Quick Release Plate*** slots.



- Press down firmly against the silicone grips and slide the Mini PC toward the **center** until centered and locked.



- Release pressure. The device is now secured on the ***Quick Release Plate***.

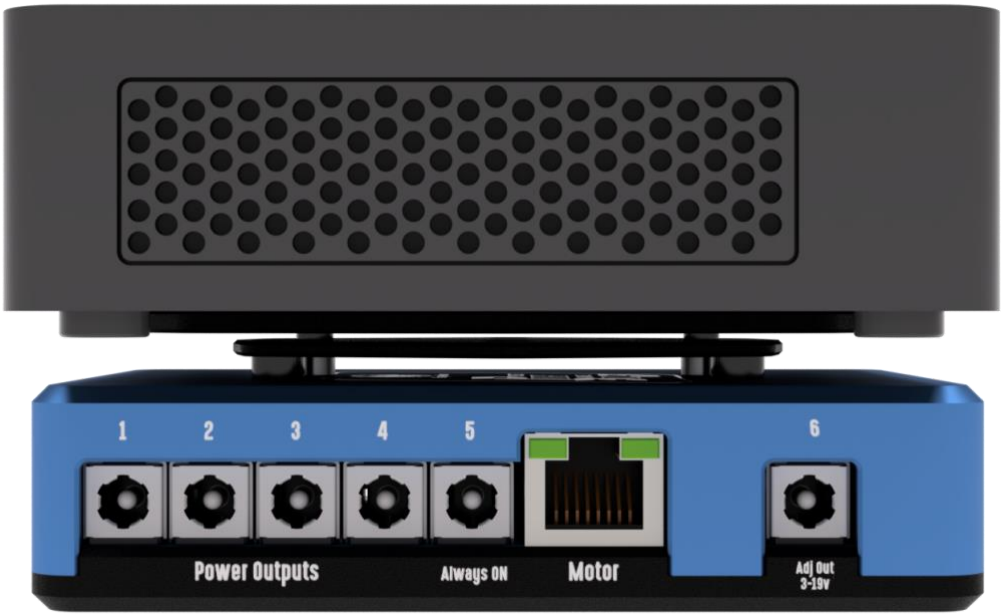
Unmounting the MiniPC

To unmount, press down, slide outward toward the large openings, and lift the Mini PC clear.

MiniPC Mounting Examples



Mele Mini PC



NUC Mini PC