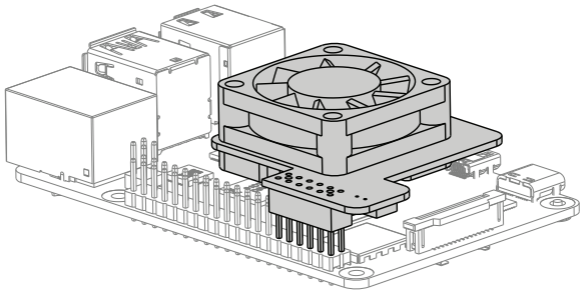


Argon **mini FAN**

Designed for **Raspberry Pi 4**

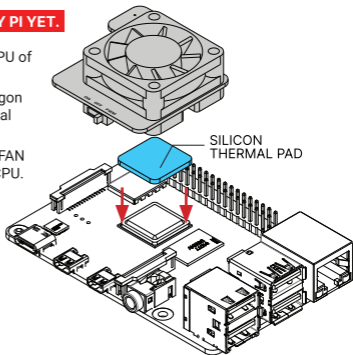


HOW TO INSTALL ARGON MINI FAN

CONNECT THE ARGON MINI FAN TO YOUR RASPBERRY PI 4

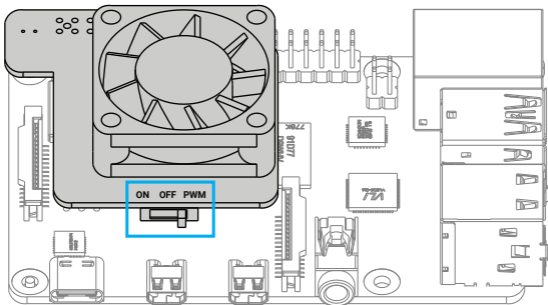
DO NOT POWER YOUR RASPBERRY PI YET.

1. Place Silicon Thermal Pad on the CPU of the Raspberry Pi.
2. Make sure that the header of the Argon Mini FAN HAT is aligned with physical **PINS 1-12** of the Raspberry Pi.
3. Check if the HEAT SINK of the Mini FAN is in contact with the Raspberry Pi CPU.



SET MODE OF THE ARGON MINI FAN

1. **ON** - Mini FAN will always turn ON when the Raspberry Pi is powered.
2. **OFF** - Turns OFF the Mini FAN
3. **PWM** - Sets the Mini FAN into a Pulse Width controllable mode



SETTING THE PWM SETTINGS

1. In Raspbian, open the Terminal App
2. Go To the root directory and Open the

```
/boot/config.txt file
```

3. Open and edit the "config.txt" file by typing:

```
sudo nano config.txt
```

4. Add the line:

```
dtoverlay=gpio-fan,gpiopin=18,temp=55000
```

5. Save changes and exit by pressing Ctrl+X

This setting will start the Mini Fan at CPU Temp 55 degrees Celcius (temp=55000). You may set your desired fan initiation temperature as you desire.