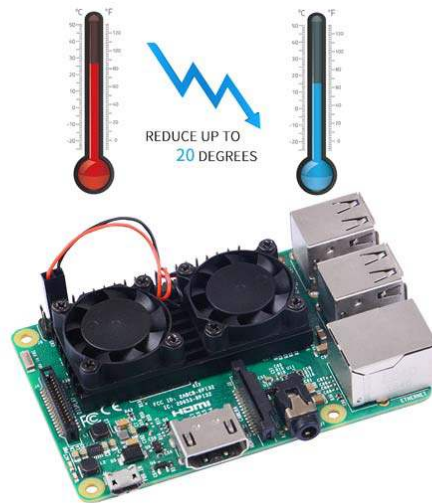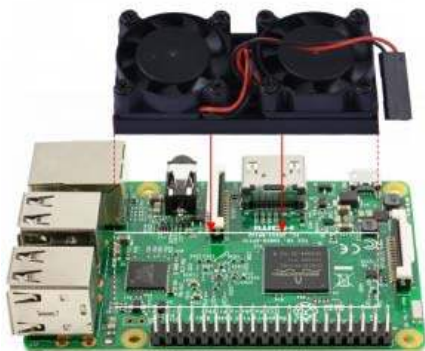# Raspberry Pi Ultimate Cooling Dual Fan   SKU 114991371

Description

Is your RaspberryPi overheating? Whether it's in a hot environment or your RPi is crunching non-stop we have a solution – the Raspberry Pi Ultimate Cooling Dual Fan!
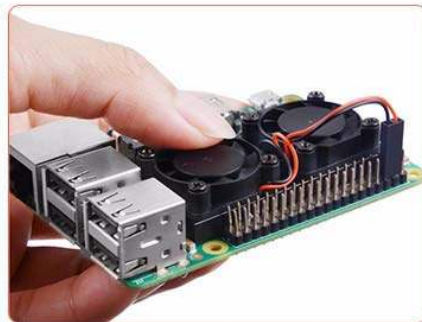
This heatsink is high-speed yet low noise and includes a heat sink. 3M thermal tape is included to help ensure efficient and swift cooling of the processor. We tested this heatsink on the Raspberry Pi ourselves, and it passed our test! It's ideal for your Raspberry Pi 3 Model B as it was designed to be compatible with the most popular cases. We know this will bring you a fantastic user experience!

Note: Please put the heat sink (with adhesive paper) to in the position shown above. Be sure to leave room for the GPIO, and keep the heat sink away from the capacitor.
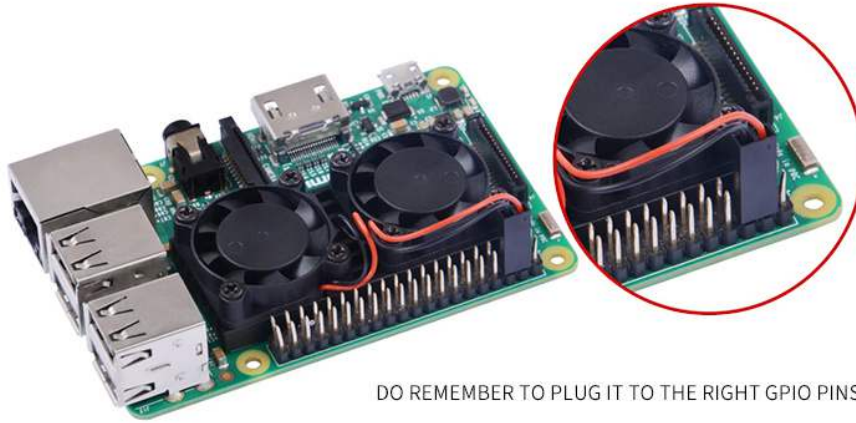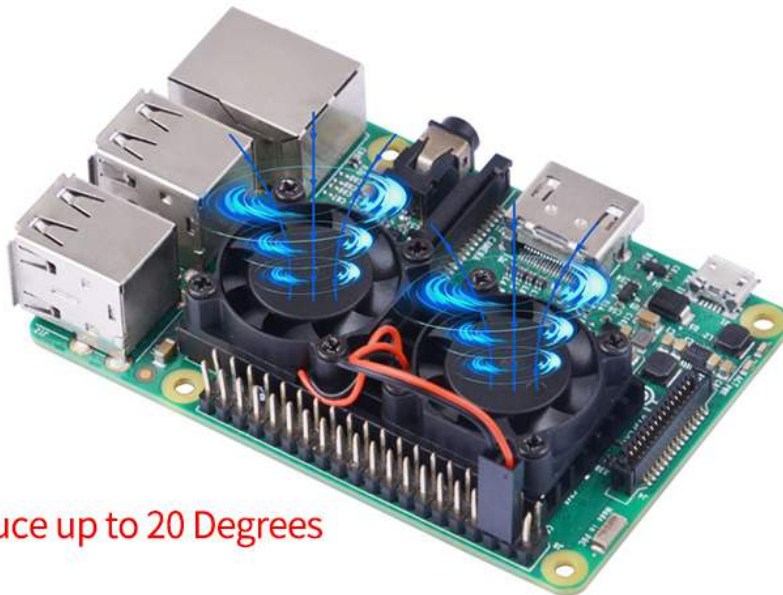
How to use it:

AFTER INSTALLING

DO REMEMBER TO PLUG IT TO THE RIGHT GPIO PINS.

THE COOLING SYSTEM PRESENTATION

Ultimate Cooling Fan Kit For Raspberry Pi 3/2/B+

Reduce up to 20 Degrees

GPIO Connection：

Pin#	NAME			NAME	Pin#
01	3.3v DC Power			DC Power 5v	02
03	GPIO02 (SDA1 , I²C)			DC Power 5v	04
05	GPIO03 (SCL1 , I²C)			Ground	06
07	GPIO04 (GPIO_GCLK)			(TXD0) GPIO14	08
09	Ground			(RXD0) GPIO15	10
11	GPIO17 (GPIO_GEN0)			(GPIO_GEN1) GPIO18	12
13	GPIO27 (GPIO_GEN2)			Ground	14
15	GPIO22 (GPIO_GEN3)			(GPIO_GEN4) GPIO23	16
17	3.3v DC Power			(GPIO_GEN5) GPIO24	18
19	GPIO10 (SPI_MOSI)			Ground	20
21	GPIO09 (SPI_MISO)			(GPIO_GEN6) GPIO25	22
23	GPIO11 (SPI_CLK)			(SPI_CE0_N) GPIO08	24
25	Ground			(SPI_CE1_N) GPIO07	26
27	ID_SD (I²C ID EEPROM)			(I²C ID EEPROM) ID_SC	28
29	GPIO05			Ground	30
31	GPIO06			GPIO12	32
33	GPIO13			Ground	34
35	GPIO19			GPIO16	36
37	GPIO26			GPIO20	38
39	Ground			GPIO21	40

Features

•Easy to install

•Fast Heat dissipation

•Silence Fan without noise

•Smooth and straight aluminum material

•3M tape makes install easier

Technical Details

Dimensions	56mm x 25mm x 15mm
Weight	G.W 40.5g
Battery	Exclude
Test Report	
Test Environment Temperature	26.8°C
Hardware Environment	Raspberry Pi 3 Model B
TF card	8GB Class 10
Software Environment	Raspbian（OS）

Testing Softwares	Vcgencmd measure_temp ,sysbench
Testing Hardware's Freq	1200MHz
Testing Time	10 minutes
Result	
Without Heatsink	83.5℃
With heatsink	77℃
Dual Fans with heatsink	62℃

Part List

Ultimate Cooling Fan Kit	1

3M tape	1
Instruction	1