

Raspberry Pi-4 Power-Hat Case Assembly

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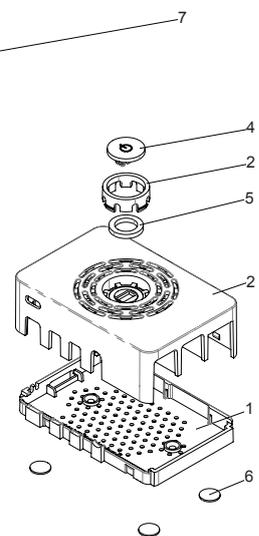
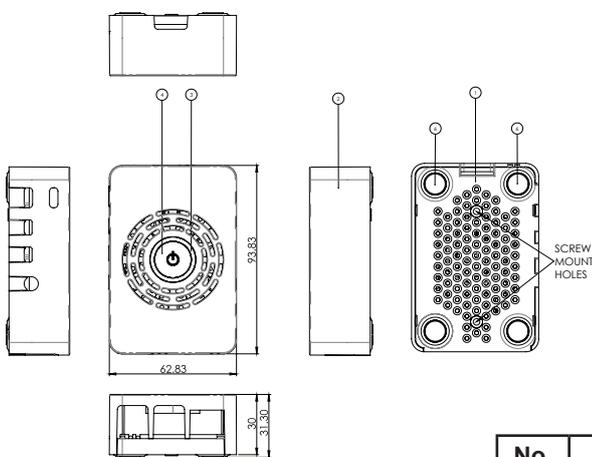
**RoHS
Compliant**



Specification

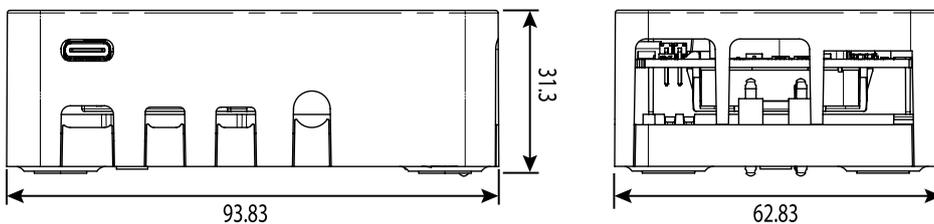
Material : ABS

Diagram



No.	Description	Qty.
1	Pi-4 Standard Base Moulding	1
2	Pi-4 Power Hat Upper Moulding	
3	Pi-4 LED Moulding	
4	Pi-4 Button Moulding	
5	Pi-4 Power Button Foam Pad	
6	TECHNI-3 Foam Rubber Foot	4
7	Power-Hat PCB Assembly INC Fan Bracket	1

Mechanical Dimensions

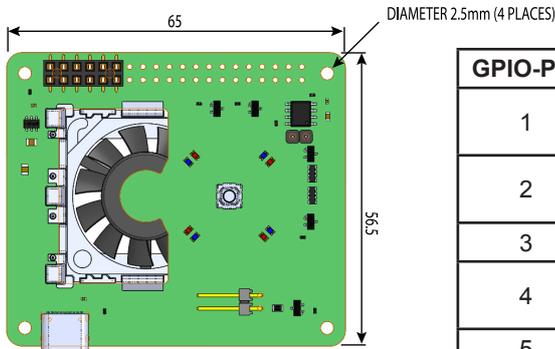


Dimensions : Millimetres

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GPIO-PIN	BCM-Name	Signal	Description
1	3.3V	Power	Used by Power-HAT to enable Green LEDs
2	5.0V	Power	Switched 5V power from Power-HAT to Pi
3	I2C_SDA	Not Used	
4	5.0V	Power	Switched 5V power from Power-HAT to Pi
5	I2C_SCL	Not Used	
6	GND	GND	
7	GPIO4	Not Used	
8	GPIO14	Fan Control	Set GPIO14 HIGH to enable fan
9	GND	GND	
10	GPIO15	IR Input	Optional IR receiver (Not Fitted)
11	GPIO17	Shutdown_Req	Signal from Power-HAT to Pi to request a shut-down.
12	GPIO18	Shutdown_Done	Signal from Pi to indicate shutdown has completed. The Power-HAT removes the power from the Pi once this signal is asserted.

Mechanics

Board Thickness	1.6mm
Overall Size	65mm × 56.5mm
Max. Fan size	30mm × 30mm × 6.9mm

Dimensions : Millimetres

Part Number Table

Description	Part Number
Raspberry Pi-4 Power-Hat Case Assembly, Black	ASM-1900143-21
Raspberry Pi-4 Power-Hat Case Assembly, Red	ASM-1900143-61
Raspberry Pi-4 Power-Hat Case Assembly, White	ASM-1900143-11
Raspberry Pi-4 Power-Hat Case Assembly, Clear	ASM-1900143-01

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