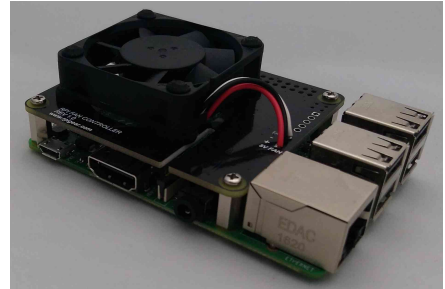


## Raspberry Pi Fan Controller Datasheet

### Main Features

- Variable speed fan controller with auto adjustment and stuck rotor detection
- Quality Sunon MagLev fan mounted on vibration dampening standoffs
- Linux software for control and diagnostics
- Programmable I2C address and stackable architecture allows the fan to coexist with other boards/hats.



### Specifications

Fan Controller	Variable speed, auto adjustment, stuck rotor detection
Fan	40mm x 40mm x 10mm 5V Sunon MagLev 8CFM, 32dB(A) max
Max Power Consumption	5mA @ 3,3V 200mA @ 5V
Communications	i2c bus, configurable address
Operating Temperature	-10C to 70C
Life Expectancy	8 years <i>Note 1</i>
Mechanical	Dimensions: 65mm x 57mm x 20mm Weight : 24g <i>Note 2</i>

*Note 1: Running at full speed at ambient temperatures of 40C*

*Note 2: Not including mounting hardware(standoffs and screws)*

### Block Diagram

