

# DFROBOT

## 2 Wheels miniQ Balancing Robot chassis

### Product Code: ROB0048



#### Introduction

This 2 wheels chassis is based on miniQ robot. It is widely used as a self balancing robot chassis.

The miniQ robot is designed for education and hobbies. It features a powerful metal gear motors which provide a speedy robot. Ideal for maze competition and education purpose.

It is extremely easy to assembly. Only need 8 screws to get job done.

To drive this robot, you may need our [Romeo](#), or standard arduino with [motor shield](#).

#### Chassis Specification

- Chassis Diameter:122mm
- Distance between chassis and ground: 15mm
- Wheel Diameter:42mm

#### Motor Specification

- 13000 rpm @ No load
- 50:1 Gear ratio
- 260 rpm @ 6V
- 40mA @ 6V
- 360mA stall current @ 6V
- 10 oz inches torque @ 6V

#### Shipping List

- [Two N20 Motors](#) (SKU:FIT0094)
- [Two Rubber Wheels](#) (SKU:FIT0085)
- MiniQ 2WD Chassis
- Two Motor brackets
- One set screws