

3WD 48mm Omni-Directional Triangle Mobile Robot Chassis was added to your shopping cart. [Go to Shopping Cart](#) or to [Checkout](#)



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3WD 48mm Omni-Directional Triangle Mobile Robot Chassis

Product Code : RB-Nex-110

- Aluminum alloy construction
- Mobile chasis for robotic projects
- Features 3 omni wheels

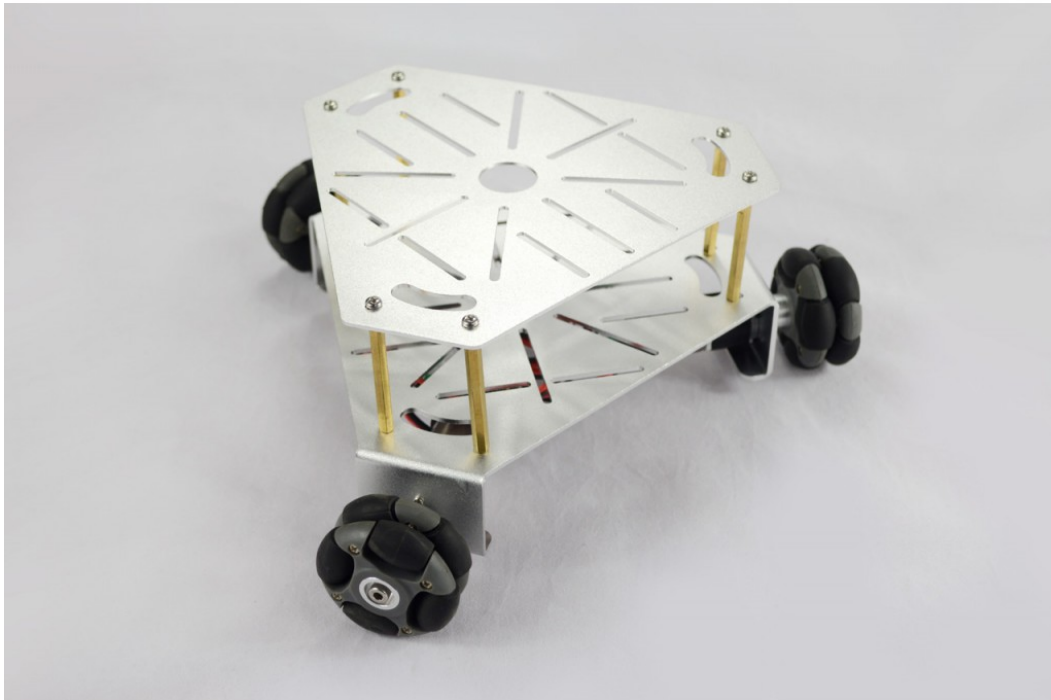
About this product

Description

- Aluminum alloy construction
- Mobile chasis for robotic projects

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The **3WD 48mm Omni-Directional Triangle Mobile Robot Chassis** is a triangle mobile robot chassis that can be used as a foundation for robotic projects. This chassis features three omnidirectional wheels that help in changing the direction of the robot by varying direction and velocity of each wheel individually, without even altering the orientation.



This chassis is made using robust aluminum alloy for a reliable performance. It comes with encoder embedded DC motors, and pre-drilled screw holes for easy extension.

Specifications

- Appearance: Triangle
- Body Material: Aluminum Alloy
- Color: Black
- Load Capacity: 1.5kg

Motor Specifications:

- 12V DC Coreless Motor
- Power: 6W

Power: 0.5W

- No Load Speed: 9600RPM/minute
- Reduced Speed: 120RPM/minute
- Diameter: 22mm
- Length: 19mm
- Total Length: 65mm
- Diameter of Shaft: 4mm
- No Load Current: 50mA
- Load Current: 500mA
- Gearbox Ratio: 80:1

Encoder Specifications:

- Type: Optical
- Encoder Phase: AB
- Encoder Resolution: 4CPR
- Mobile Robot Parts included:
- Aluminum Frame and all mounting hardware
- 48mm Plastic Omni-wheel X 3
- 16009 DC Motor with encoder X 3

Dimensions

- Dimension: 230.8mm X 202.6mm X 98.5mm
- Net Weight: 1.5kg

Supplier Product Code

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Reviews

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