

Hackman3D Orbit Controller - Bill of Materials (BOM)

All components are currently purchased individually. A complete hardware kit is planned to simplify assembly and reduce the overall cost.

Component	Qty	Reference
Hall Effect Joystick Modules	4	Link #1
Arduino Pro Micro USB-C (ATmega32U4, 5V/16MHz)	1	Link #2
Female-Female Dupont Wires (15 cm)	1 pack	Link #3
Mechanical Keyboard Switches (MX compatible)	3	Link #4
Heat Shrink Tubing	~20 cm	Local supplier

Standard Hardware

Hardware	Qty
M3×6 Socket Head Screws	4
M3×8 Socket Head Screws	2
M3×10 Socket Head Screws	4
M3×12 Socket Head Screw	1
M2×10 Countersunk Screws	4
M2×6 Countersunk Screws	6

Purchase Links

Note: Some of the links below are affiliate links. Using them helps support the development of future open-source projects at no additional cost to you. Thank you for your support!

Link #1: https://s.click.aliexpress.com/e/_c40y8oiD

Link #2: https://s.click.aliexpress.com/e/_c3387iWz

Link #3: https://s.click.aliexpress.com/e/_c45Qjq5F

Link #4: https://s.click.aliexpress.com/e/_c2xMo9ah

Created by Hackman3D