seeed studio

INDUSTRIAL PRODUCT DATASHEET

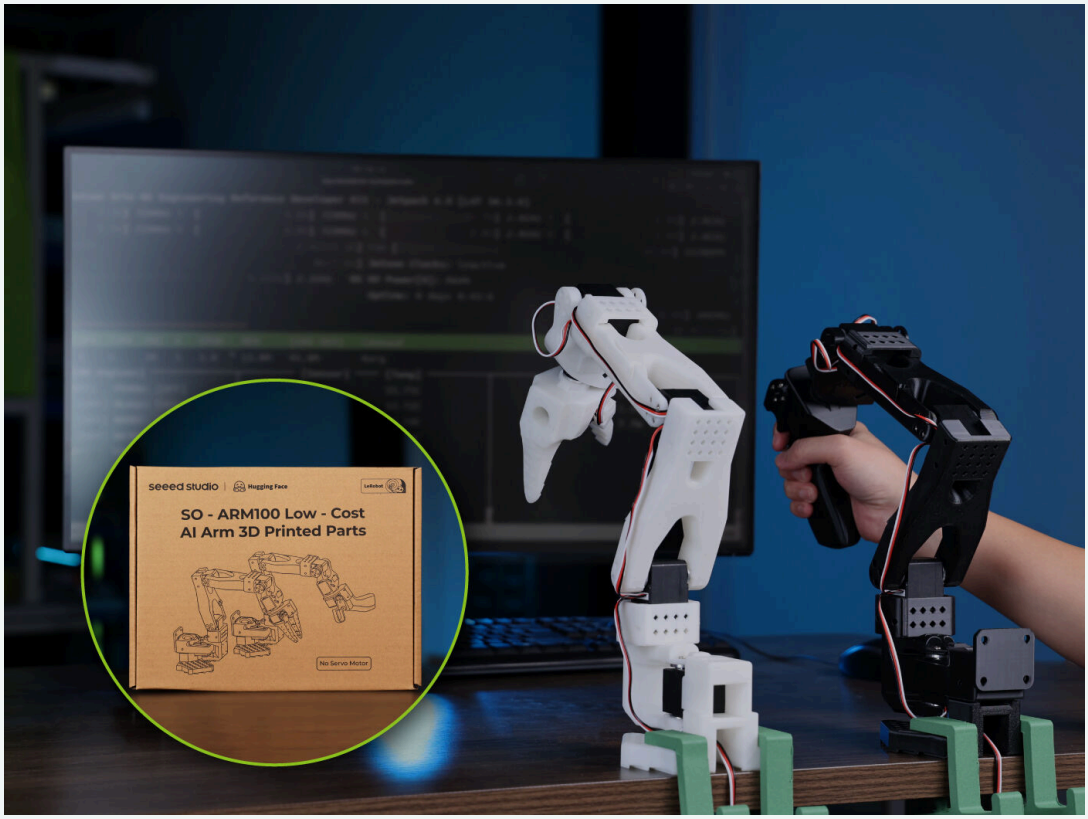
SO-ARM100 Low-Cost AI Arm 3D Printed Skeleton

This product is SO-ARM100 robotic arm 3D-printed parts, designed to help you learn and develop with the LeRobot framework.

SKU	UPDATED	PRICE
114993637	2026-11-11 06:38:38	$31.90(Excl. VAT)



Overview



This product is SO-ARM100 robotic arm 3D-printed parts, designed to help you learn and develop with the LeRobot framework. Comes with comprehensive open-source resources for quick setup and advanced robotics applications. Perfect for enthusiasts, students, and developers!

Key Features

01 **Open-source and low-cost**

It is an open-source, low-cost robotic arm solution from TheRobotStudio.

02 **Integration with LeRobot**

Designed for integration with LeRobot platform which offers PyTorch models, datasets and tools for reinforcement learning and imitation learning for real-world robotics applications (including data collection, simulation, training and deployment).

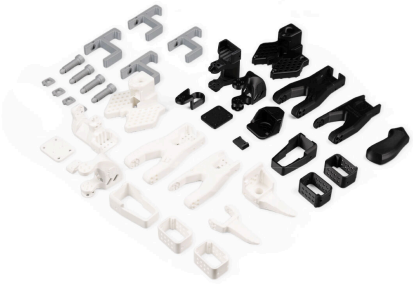
03 **Abundant learning resources**

Provides comprehensive open-source learning resources like assembly and calibration guides, and tutorials for testing, data collection, training and deployment to assist users in quickly getting started and developing robotic applications.

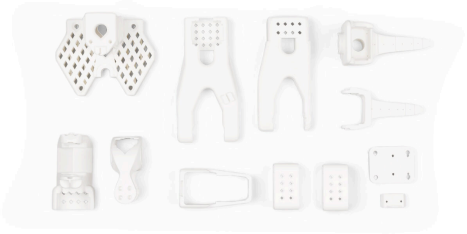
04 **Compatible with Nvidia**

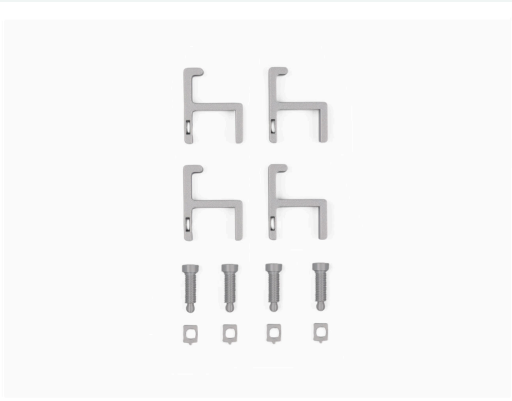
Deploy this arm kit with reComputer J4012 Orin NX 16 GB.

Product Gallery











Applications

- **Imitation learning and Reinforcement learning:** The LeRobot framework is compatible with the SO-ARM10X robotic arm. It provides complete data collection, training, and deployment for teaching the robotic arm, and also has a comprehensive simulation platform. On the Nvidia Jetson edge device, it's easy and quick to train a customized robotic arm to complete grasping and placing tasks. For detailed tutorials, please refer to: LeRobot - NVIDIA Jetson AI Lab

Resource Links

- https://www.seeedstudio.com/SO-ARM100-3D-printed-Enclosure-p-6409.html
- STS3215 Servo Motor Datasheet
- Finedtune 3D printed parts files
- Original SO-ARM100 3D printed parts
- Servo Adaptor Board for Seeed Studio XIAO Datasheet（Purchase after March 03 2025）
- Serial Bus Servo Drive Board DataSheet（Purchase before March 03 2025）
- reComputer J301x Datasheet
- reComputer J401X Datasheet

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com