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INDUSTRIAL PRODUCT DATASHEET

Fashionstar Starai 7 DoF Robot Arm Cello Violin, compatible with Hugging Face LeRobot

Fashionstar Starai Arm Cello Violin is an affordable pre-assembled servo-based 7 DOF robotic arm kit that is perfect for end-to-end learning.

SKU	UPDATED	PRICE
114090080	2026-11-11 09:33:57	$1799.00(Excl. VAT)



Overview



Fashionstar Starai Arm Cello Violin is an affordable pre-assembled servo-based 7 DOF robotic arm kit that is perfect for end-to-end learning. It can be trained to complete real-world grapsing tasks, with a 750g working payload and great positional accuracy. It includes one leader arm for demonstration, and one follower arm, both pre-assembled. It can be used under Huggingface LeRobot framework and ROS2.

Key Features

01 **Pre-assembledProvidesready-to-use 7 DOF robotarmkitforend-to-endlearning.Oneleaderarmforhumandemonstration,andonefollowerarmforlearning.**

02 **Real-world taskcapableCouldbeusedforreal-worldgraspingtakswith300gworkingpayloadand470mmreach**

03 **Self-sustainingsuspensionArmscouldbeheldatanypositionafterpressingthebutton,enablingeasierdatacollection**

04 **LeRobot framework compatibleProvidesSDKunderHuggingfaceLerobotframeworkforeasierdatacollectionand training**

05 **Supported ROS2, Moveit2 and Isaac Sim It supports ROS2 for publishing and subscribing to robotic arm data topics and controlling the robotic arm, and also supports MoveIt2 for inverse kinematics calculation, as well as simulation in Isaac Sim.**

06 **Open-Source SDK**

Supports Python and C++ SDK Development

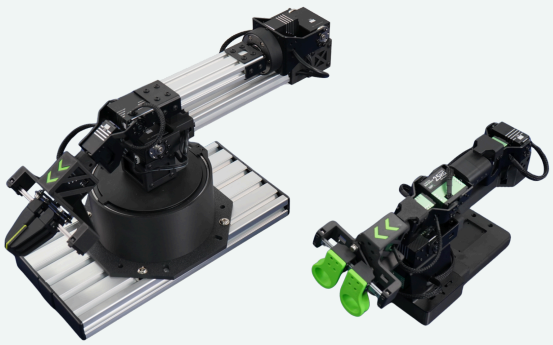
07 **Button Hover Simulates gravity compensation, allowing the robotic arm to hover at any position via a button.**

Product Gallery



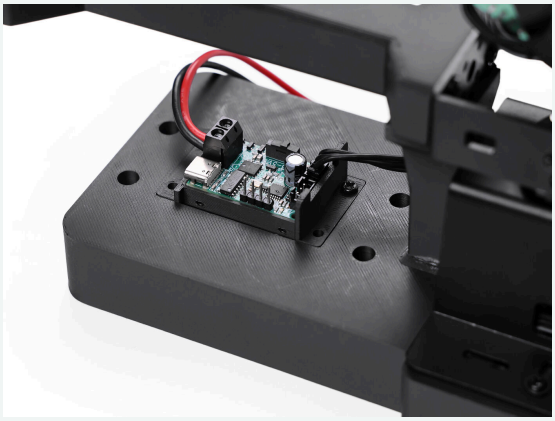






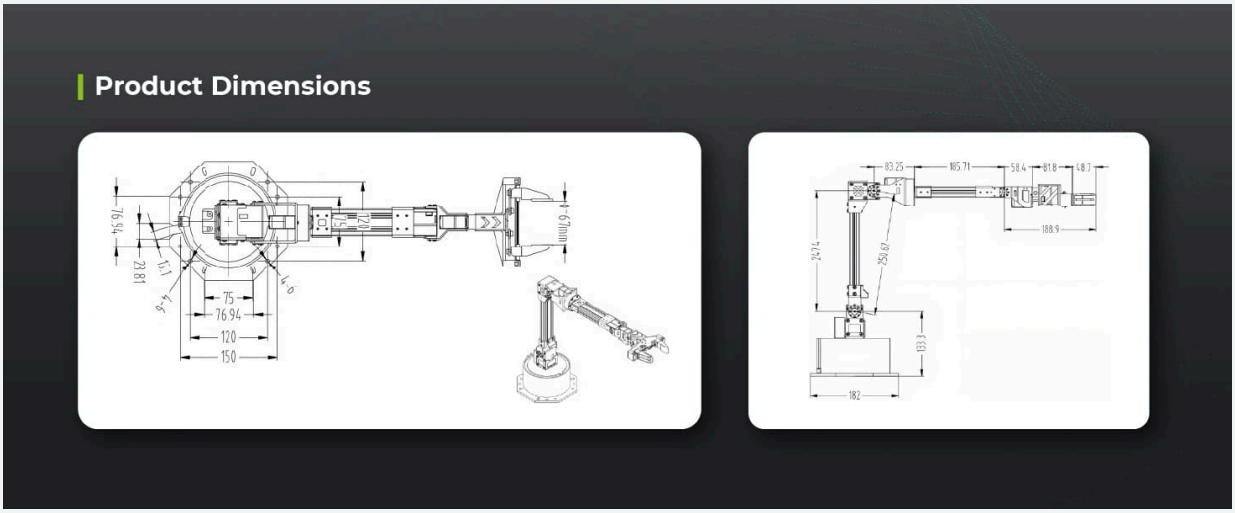


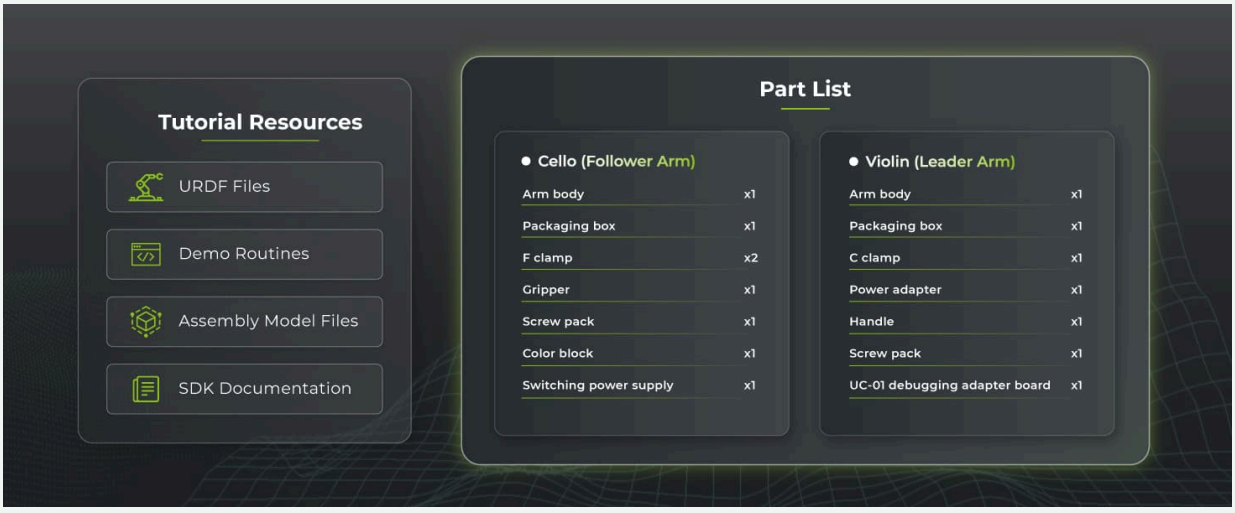






Hardware Overview





Applications

- **Imitation learning and Reinforcement learning:** The LeRobot framework is compatible with the Fashionstarstar 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/Fashionstar-Star-Arm-Cello-Violin-p-6522.html
- Datasheet
- Getting started with StarAI Robot Arm with LeRobot
- lerobot-starai github
- STEP
- URDF
- StarAI Robot Arm moveit2

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