

Linker Hand Series Selection Guide

To meet the needs of different application fields, the Linker Hand series currently offers multiple distinctive dexterous hands. This guide, based on accurate data from the official product manual, helps you quickly find the most suitable product for your project from three dimensions: core positioning, key parameters, and applicable scenarios.

Product Core Positioning & Overview

Model	Core Positioning & Drive Type	Active/Passive Joints	Weight	Summary
Linker Hand O6	Cost-effective Industrial Grade (Linkage Drive)	6 Active + 5 Passive	370g	Lightest and strongest payload; economical gripper designed for industrial scenarios
Linker Hand O7	Entry-level Research & Education (Linkage Drive)	7 Active + 10 Passive	634.5g	High cost-performance option combining high payload and multi-DOF, suitable for entry-level research
Linker Hand L10	High-DOF Power Version (Linkage Drive)	10 Active + 10 Passive	800g	Rich in DOF, features finger abduction/adduction, flexible movement, suitable for various education and research exploration scenarios
Linker Hand L20	High-DOF Professional Version (Linkage Drive)	16 Active + 5 Passive	1100g	Most active joints, designed for complex & delicate manipulation and embodied AI training
Linker Hand L30	Flagship Biomimetic Version (Tendon Drive)	17 Active + 4 Passive	1400g	Most advanced technology, smoothest and fastest motion, flagship product replicating fine human hand movements

Key Parameters Comparison

To help you understand the differences more intuitively, we have selected several key performance indicators for comparison.

Parameter	Linker Hand O6	Linker Hand O7	Linker Hand L10	Linker Hand L20	Linker Hand L30
Drive Type	Linkage Drive	Linkage Drive	Linkage Drive	Linkage Drive	Tendon Drive
Max Payload	30 kg	25 kg	25 kg	10 kg	5 kg
Fingertip Force (Thumb)	10 N	14 N	15 N	18 N	8 N
Fingertip Force (Four Fingers)	10 N	14 N	15 N	20 N	7 N
Repeat Positioning Accuracy	±0.2 mm	±0.2 mm	±0.2 mm	±0.2 mm	±0.2 mm
Control Interface	CAN/RS485	CAN/RS485	CAN/RS485	CAN/RS485	CAN FD

How to Choose? — Your Scenario Decides Everything

Choose Linker Hand O6:

- If your budget is limited and your primary goals are strength and load capacity.
- Application Scenarios: Logistics handling, industrial assembly, heavy-duty grasping of irregularly shaped objects.
- Keywords: Industrial-grade, high cost-performance, high strength, lightest weight, high load capacity.

Choose Linker Hand O7:

- If your budget is limited, but you want to get as many functions as possible along with decent load capacity.
- Application Scenarios: Entry-level education and research, auxiliary grasping, basic smart interaction function verification.
- Keywords: Economical and practical, multi-degree-of-freedom, self-locking stable grip.

Choose Linker Hand L10:

- If you need a fully-featured standard model for scientific research and exploration of fine manipulation, especially finger abduction/adduction capability.
- Application Scenarios: Education and research, piano playing, home assistance, scenarios requiring simulated human hand gestures for various grasping postures.
- Keywords: Highly biomimetic, multi-degree-of-freedom, flexible, standard edition.

Choose Linker Hand L20:

- If your application involves very complex in-hand manipulation, or requires high-intensity training data for embodied AI algorithms.
- Application Scenarios: Cutting-edge research, high-difficulty tasks in industrial automation, humanoid robot hand development.
- Keywords: Most active joints, fine manipulation, data farming, robust and impact-resistant.

Choose Linker Hand L30:

- If your project demands the highest level of biomimetic capability, compliance, and the fastest response speed.
- Application Scenarios: High-end research, medical assistance, industrial precision assembly, fields with extremely high requirements for biomimetic performance and interaction reliability.
- Keywords: Flagship, tendon-driven, fast response, high precision, millimeter-level operation.

Partial Product Images

This is the O6, currently the world's smallest and lightest dexterous hand at 370g, payload 30kg:





This is the L6, completes open/close in 0.3 seconds, can operate continuously for 6-10 hours:





具身智能灵巧手

工业大



Linker Hand L06

6个主动自由度 / 12个总自由度

能适配不同的灵活性需求

两款灵巧手配备了全新设计

一体化的高度集成，可提供

“无刷电机+滚珠丝杠”方

Linker

有 26 个总自由度，并采用线驱

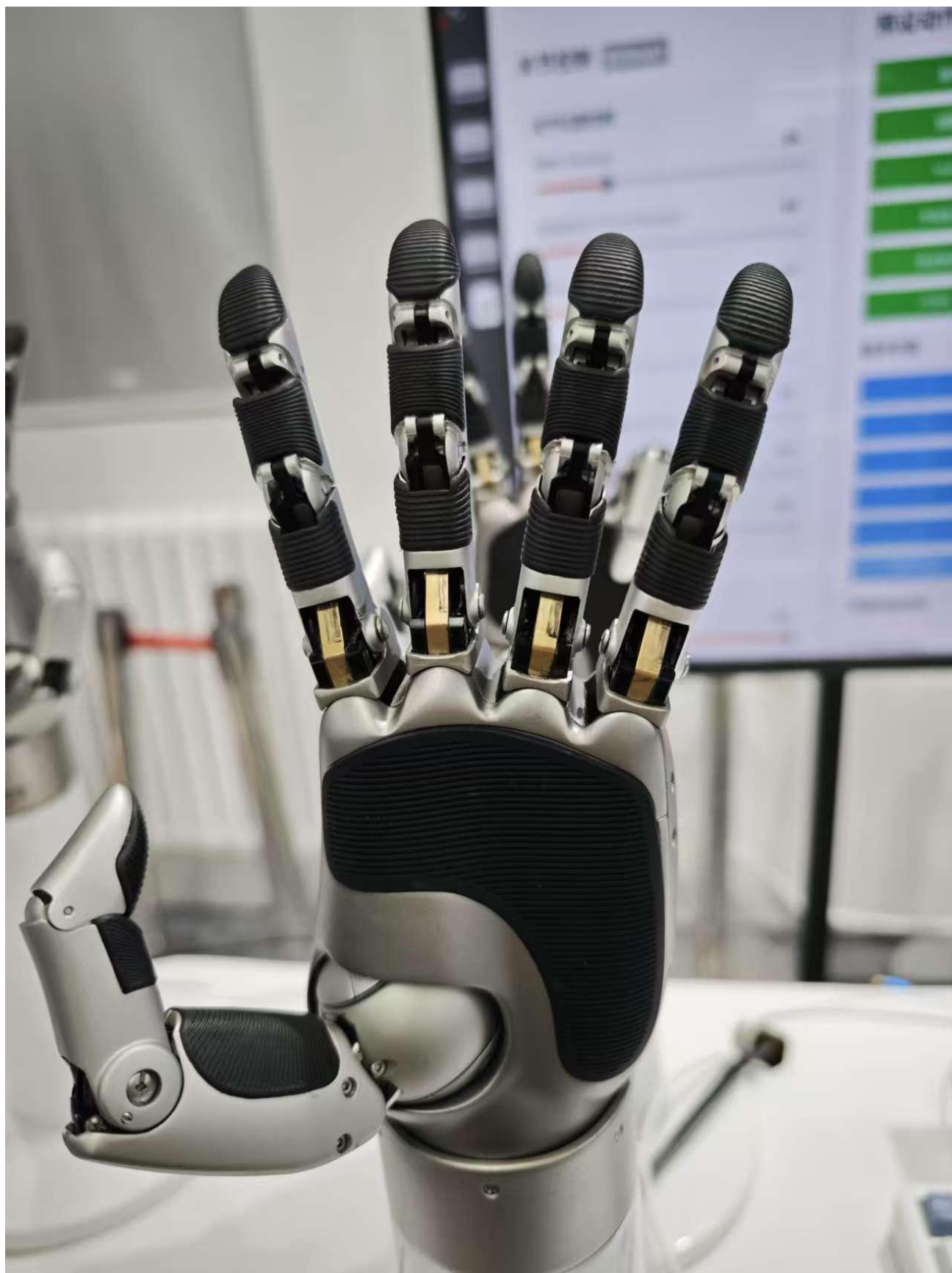
驱动结构紧凑，集成度高，适用于

多种场景，并能实现精准抓取

和精细操作

This is the L10, features finger abduction/adduction for better grasping envelopment and stable hold without dropping:





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