

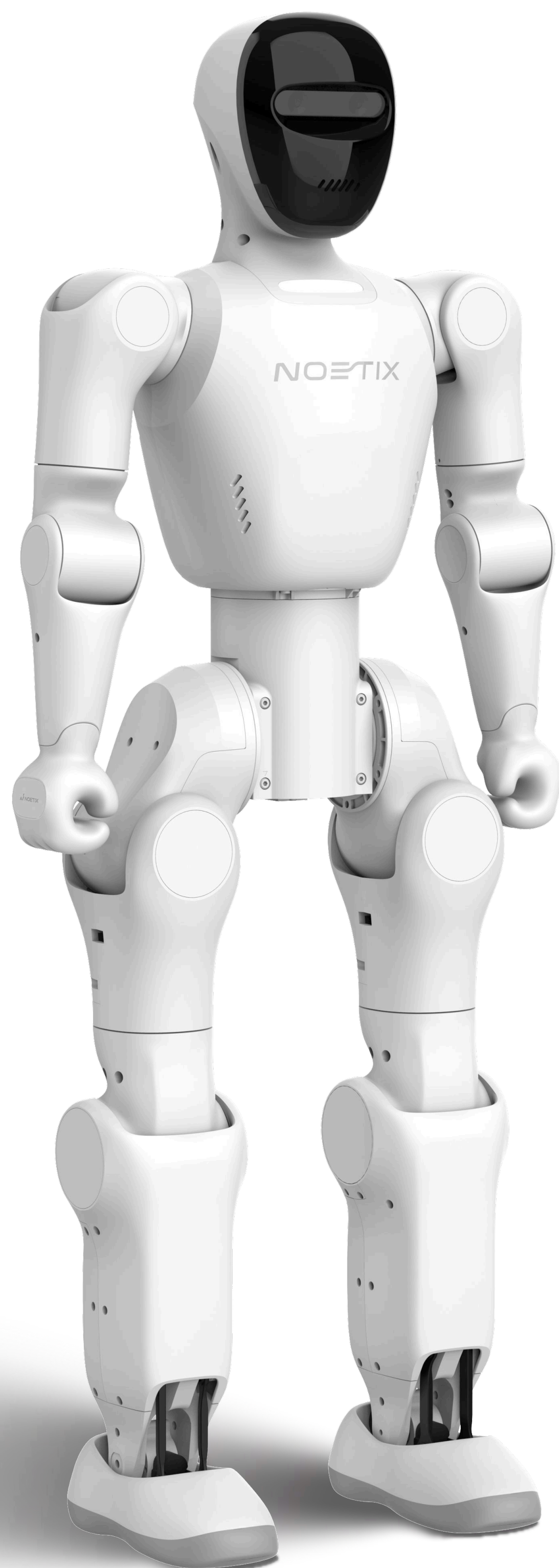
# Bumi

Enter the era of affordable  
high-performance robots.

Height Approx. 98 cm

Weight Approx. 17 kg

Degrees of Freedom (DoF)  $\geq 21$



# Product Introduction

## Lightweight Design & Friendly Interaction



Superior Motion  
Performance



Rich Facial Expressions



Force-Controlled  
Joint Modules



Structured Light  
Depth Camera



Intelligent Voice  
System



User-Friendly  
Secondary  
Development

Bumi stands at 98 cm and weighs only 17 kg, boasting a design that combines friendliness and portability. Targeted at tech enthusiasts, teenage programming learners and family users, Bumi also provides kit and curriculum solutions for educational institutions and startups. Its open motion control interface and graphical programming platform deeply integrate hardware and content ecology, aiming to bring users a more creative learning and interactive experience.

# Key Parameters

**21** DoF

Total Degrees of Freedom

**2~3** h

Battery Life

**0.5** m/s

Maximum Moving Speed

## Feature

## Parameter

Total Degrees of Freedom 21 DoF

Degrees of Freedom per Leg 6 DoF

Degrees of Freedom per Arm 4 DoF

Waist Degrees of Freedom 1 DoF

End Effector Shaped Hand

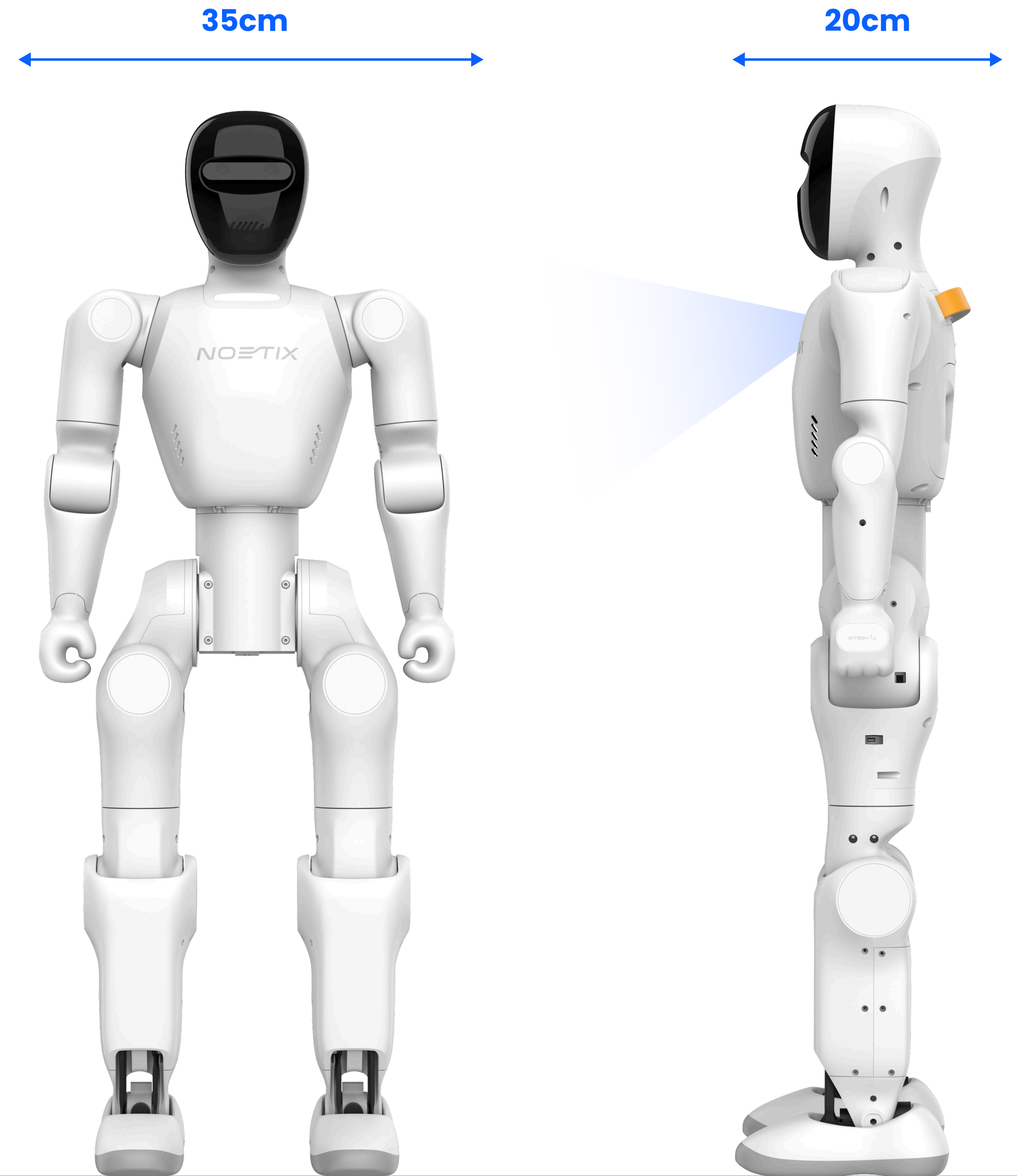
Maximum Knee Joint Torque 70 N·m

Basic Computing Power 6TOPS

Perceptual Sensors Camera,IMU

Smart Battery (Quick Release) 48v 3.5Ah

Battery Life 2-3h

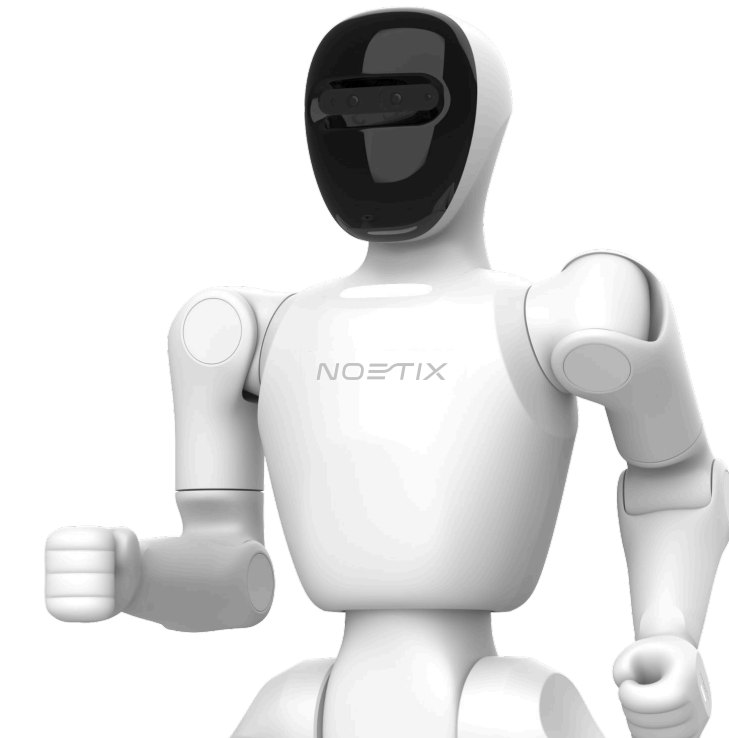


Product Dimensions : 98cm\*35cm\*20cm

Total Weight : 17kg\*

\*Product specifications are subject to the actual product

# Model Comparison

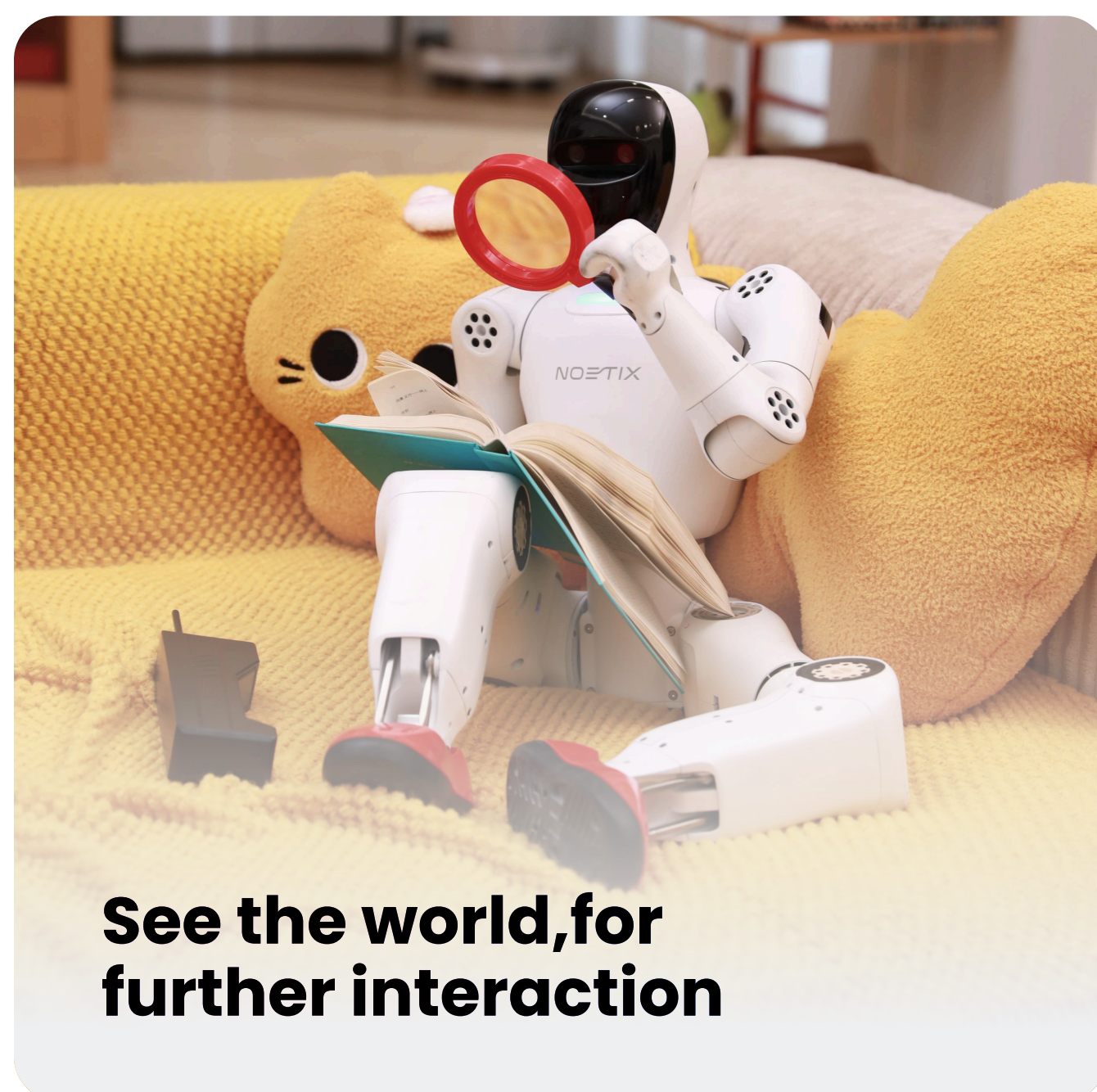


	Feature/Parameter	Pro	EDU-Pro
Motion Library Functions	Manual Teaching	✓	✓
	Low-dynamic Dance	✓	✓
	High-dynamic Dance	✗	✓
	Chinese New Year Special Edition Dance	✗	✓
Communication	Communication Method	Wi-Fi+Bluetooth	4G/5GModule, Wi-Fi+Bluetooth
Mini Program Functions	Audiobooks	✓	✓
	Graphical Programming	✓	✓
Others	Voice Module	✓	✓
	Upper Motion Control Secondary Development	✗	✓
	Intelligent OTA Upgrade	✓	✓
	Image Transmission	✓	✓
	Mobile APP	✓	✓
	High Computing Power Module	✗	NVIDIA Jetson Orin Nano Super
	Autonomous Standing Up	✓	✓
	Autonomous Lying Down	✓	✓



**Programming is not that hard - just drag & connect**

**Take full control with just a mobile phone, no remote controller needed**



**The more you use it, the more fun it is; the more you play with it, the more enjoyable it gets**

**From a user to a creator**  
(Feature of EDU-Pro versions)



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Get more information and tips : <https://en.noetixrobotics.com/>