

Type	Specification Parameters	Description
<b>Basic Parameters</b>	Height (when standing upright)	0.95m
	Weight	About 19.5kg
<b>DoFs</b>	Total DoFs	22
	Single Leg DoFs	6
	Single Arm DoFs	4
	Head DoFs	2
<b>Operational Parameters</b>	Walking Speed	0.5m/s
	Turning Speed	1.0rad/s
<b>Battery Parameters</b>	2Ah Battery Life	30min (0.4m/s)
	5Ah Battery Life	1h20min (0.4m/s)
	Charging Time	≤1h
	Cycle Life	≥500 times
<b>Computing Platform</b>	Processor	Jetson Orin NX 8GB, AI Performance 117TOPS
<b>Sensors</b>	Camera	Depth Camera
	Microphone	Microphone Array
	Speaker	1
<b>Interaction interface</b>	Buttons	interaction button*3
	Indicator Light	RGB LED*1
<b>Safety Fuction</b>	Auditory Alerts	Low Battery Alert, Joint Overheat Alert
<b>Communication Methods</b>	Wired connection	Gigabit Ethernet
	Wireless Connection	WIFI 6
	Bluetooth	Bluetooth 5.2
	Certification Standards	CE/FCC
<b>Noise</b>	Walking Noise	≤70dB
<b>Environmental Adaptability</b>	Environmental Adaptability	-10°C~45°C
	Operating Humidity	5%~90%, without condensation