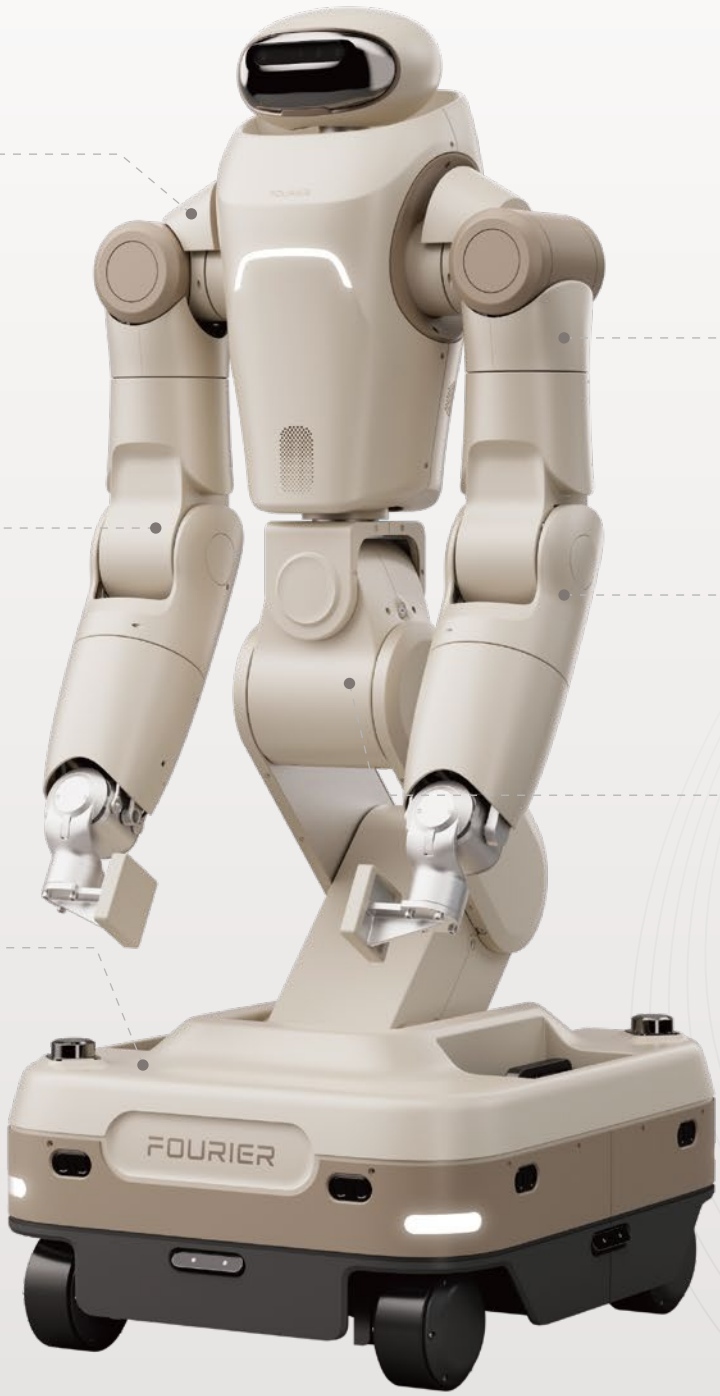
FOURIER

FOURIER GRW

Height
1231mm–1695mm

Weight
≈ 240kg

Turning Diameter
≈ 880mm



Arm Span
1966mm
(Excluding End Effectors)

Single-Arm Payload
8kg

Battery Runtime
≈ 4h, Hot-Swappable Batteries

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Product Specifications

Basic Spec.	Height	1231mm–1695mm	Length × Width	722mm × 633mm
	Shoulder Width	584mm	Weight	≈ 240kg
	Arm Span	1966mm (Excluding End Effectors)	Turning Diameter	≈ 880mm
Exterior Materials	Frame Construction	Aluminum Alloy + Engineering Plastics	End-Effector Module	Expandable
Joint Spec.	Head Degrees of Freedom	2	Degrees of Freedom per Arm	7
	Waist Degrees of Freedom	3	Lower-Body Degrees of Freedom (Folding Section)	2
	Chassis Configuration	Four-Wheel Drive (4WD)	Peak Joint Torque	≈ 500N·m
	Communication Protocol	EtherCAT		
Electrical Spec.	Nominal Voltage	44.8V	Rated Power	≈ 1300W
	Power-Loss Safety Braking	Yes (Except Chassis)		
Performance Spec.	Average Travel Speed	≈ 0.8m/s	Traversable Slope	Max. 10°
	Onboard Computing	High-Performance 8-Core CPU	Rated Dual-Arm Payload	16kg
Battery and Power Adapter	Battery Capacity	Dual Batteries, 672Wh Each	Battery Type	Lithium-Ion Battery
	Weight per Battery	6.1kg	Nominal Battery Voltage	44.8V
	Charging Voltage Limit	51.1V	Hot-Swappable	Supported
	Battery Runtime	≈ 4h	Charging Time	≈ 2h (0–80% Charge)
	Adapter Input	100–240V AC 50/60Hz	Adapter Output	51.1V DC 7.0A
Computing System	Operating System	Ubuntu 22.04	Processor	AMD Ryzen
Perception Sensors	Head Camera	1 × RGB-D Camera (Structured Light)	Chassis Cameras	4
	Chassis Ultrasonic Sensors	8	Chassis LiDAR Sensors	2
	IMU	6-Axis (Accelerometer + Gyroscope)	Speaker	Yes

**Appearance and specifications are subject to the actual product.*