

Specifications



Basic

Buy Now

118 cm
30 kg

Size & Weight

Dimensions: 118×47×23 cm
Leg Length: 57cm
Arm Length: 45cm
Weight: ~30kg



Degree of Freedom

Total DoFs: 23
DoFs per Leg: 6
Waist DoF: 1
DoFs per Arm: 4 (extensible)
Head DoFs: 2



Standard

Buy Now

118 cm
30 kg

Size & Weight

Dimensions: 118×47×23 cm
Leg Length: 57cm
Arm Length: 45cm
Weight: ~30kg



Degree of Freedom

Total DoFs: 23
DoFs per Leg: 6
Waist DoF: 1
DoFs per Arm: 4 (extensible)
Head DoFs: 2



Customized

Buy Now

118 cm
30 kg

Size & Weight

Dimensions: 118×47×23 cm
Leg Length: 57cm
Arm Length: 45cm
Weight: ~30kg



DoFs - With Gripper

Total: 31
Per Leg: 6
Waist: 1
Per Arm: 7
Per Hand: 1
Head: 2

DoFs - With Dexterous Hand

Total: 41
Per Leg: 6
Waist: 1
Per Arm: 7
Per Hand: 6
Head: 2





Joint Movement Space

Waist: $\pm 58^\circ$
Hip: P $\pm 118^\circ$, R- $21^\circ \sim 88^\circ$, Y $\pm 58^\circ$
Knee: $0^\circ \sim 123^\circ$
Ankle: P- $50^\circ \sim 20^\circ$, R $\pm 25^\circ$



Actuators

Max Peak Torque: 130N·m
Joint Encoder: Dual Encoder



Computing & Sensors

GPU: Nvidia AGX Orin, 200 TOPS AI performance
Camera: Depth Camera
IMU: 9-axis IMU
Audio: Circular 6-Mic Array + Speaker



Others

Battery: 10.5Ah
Battery Life: 2h (walking), 4h (standing)
WiFi 6: Supported
Bluetooth 5.2: Supported
Expansion Ports: USB, Ethernet
Firmware Upgrade: Supported
Secondary Development: Supported



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