

Unitree G1 humanoid robot

G1

A humanoid 132 cm tall and 35 kg in weight, with 23 degrees of freedom and an arm payload of up to 2 kg. Its size lets it work in space built for people, among tables and counters.



Key specifications

Height	132 cm
Weight	35 kg
Runtime	2 h
Payload	2 kg
Degrees of freedom	23

From the datasheet

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Values are taken from the manufacturer's datasheet and apply to the standard version. The final configuration, options and lead time are confirmed in the quote.

What it does for you

The G1 is the smallest humanoid in the Unitree range. At 132 cm and 35 kg it stands lower than an adult, so it passes through doorways, fits into a lift and asks for no alterations to the space. One charge gives two hours of work, and the battery is changed without tools.

Greeting guests

In a hotel lobby or a showroom the G1 takes the first contact: it greets, gives directions and walks a guest to reception or to the lift. The arms, with 23 degrees of freedom, carry up to 2 kg, enough for a room key, a leaflet or a small parcel.

Demonstration and training

The open SDK also makes the G1 a platform for development and teaching. Motions are recorded, replayed and altered without touching the mechanics, so the same robot serves for a trade fair display and for laboratory work.

Request a quote for Unitree G1 humanoid robot

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