

Unitree H1 humanoid robot

H1

A humanoid 180 cm tall and 47 kg in weight that walks at up to 11.9 km/h. It is the larger and faster member of the Unitree line, meant for spaces where longer distances are covered.



Key specifications

Height	180 cm
Weight	47 kg
Top speed	11.9 km/h

From the datasheet

Height	180 cm
Weight	47 kg
Walking speed	up to 11.9 km/h
Form	bipedal humanoid with arms
Control	open development interface

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 H1 stands 180 cm, roughly the height of an adult, and weighs 47 kg. Walking speed reaches 11.9 km/h, faster than a person walks, so the robot crosses long corridors and halls without holding anyone up.

Patrolling a site

In a shopping centre or a large office building the H1 walks a set route, watches the state of the space and reports to staff. Its height and speed mean a route that takes a person ten minutes is covered in about the same time.

Research and development

The H1 ships with an open control interface, so universities and development teams use it as a test platform for walking, balance and whole-body control.

Request a quote for Unitree H1 humanoid robot

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