# PUDU MT1 Vac

## AI-powered Robotic Sweeper & Vacuum

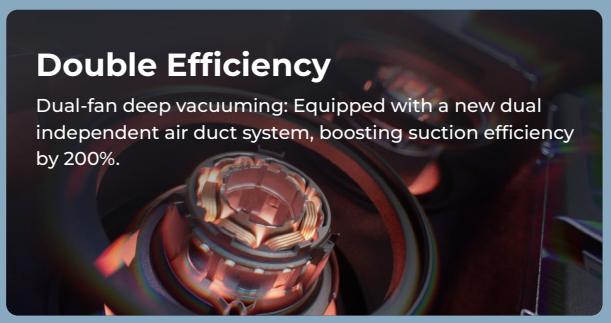
- Powerful Suction
- High Efficiency
- Extended Run-time
- AI-driven Adaptive Cleaning
- Quick-Release Dust Mop Module
- Hand-vacuum Extension



PUDU

## Double Efficiency

Dual-fan deep vacuuming: Equipped with a new dual independent air duct system, boosting suction efficiency by 200%.



## Wide Cleaning Coverage

**55 cm extra-wide suction path:**

Compared with most traditional commercial vacuum cleaners, each pass covers twice the area, greatly reducing cleaning time and improving efficiency.




## For Both Carpet and Hard Floors

AI-powered floors recognition identifies carpet and hard floors in real time, automatically adjusting suction and brush speed to protect delicate surfaces.



## 24/7 Continuous Operation

With a large battery, fast-charging system, and charging station, the MT1 Vac supports 24/7 operation.



## Easy Maintenance, Tool-Free Swaps

Quick-release modular design allows tool-free replacement of most cleaning components in seconds. The dust mop can be removed and deployed flexibly to suit different cleaning needs.



## Dust and Waste Separation

**6L trash bin + 14L dust bags:**

The large-capacity system handles large-area cleaning in a single run, significantly reducing the need for frequent emptying.



## Hand-vacuum Extension

Hand-vacuum extension allows cleaning of sofa sides, walls, and glass surfaces. Flexible reach for edges, high surfaces, and soft furnishings.



- Dimensions
  840 x 600 x 490 mm (33*23.6*19.3 in)
- Weight
  75 kg (165.35 lbs)
- Cleaning Performance
  Max.1400 $m^2$/h (15,069.47 $ft^2$/h)
- Charging Time
  < 3.5 h
- Run-time
  3-6.5 h
  (Standard sweep and vacuum mode on hard floors: 4h)
- Cruise Speed
  0.2 m/s ~ 1.2 m/s
  (0.66 ft/s~3.94 ft/s) (adjustable)
- Air Filtration Level
  H11 (optional H13)
- Vacuuming Width
  55 cm (21.7 in)
- Cleaning Capacity
  Dust Bag Capacity: 14 L (7 L*2 )
  [0.494 $ft^3$ (0.247 $ft^3$*2)]
  Trashbin Capacity: 6 L (0.21 $ft^3$)
- Navigation
  VSLAM + Marker + LiDAR SLAM



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2025.07.11