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› [ECOVACS](#) /

› [ECOVACS DEEBOT X11 PRO Omni Robot Vacuum and Mop Instruction Manual](#)

## ECOVACS DEEBOT X11 PRO OMNI

# ECOVACS DEEBOT X11 PRO Omni Robot Vacuum and Mop

Model: DEEBOT X11 PRO OMNI | Brand: ECOVACS

## 1. SETUP

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This section guides you through the initial setup of your ECOVACS DEEBOT X11 PRO Omni robot vacuum and mop.

### 1.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Ensure all items listed in the 'Included Components' section are present.

- DEEBOT X11 PRO OMNI Robot Vacuum
- OMNI Dock (Charging Station)
- Main brush & Main Brush Cover
- Side brush
- Instruction Guide (this document)
- Quick Guide

### 1.2 OMNI Dock Placement

Place the OMNI Dock on a hard, level surface against a wall, ensuring there is adequate clear space around it (at least 0.5 meters on both sides and 1.5 meters in front). Plug the dock into a power outlet.

## Cleans Large Homes in One Go

More cleaning, less charging – BLAST airflow + PowerBoost fast top-ups



Image: The OMNI Station with the DEEBOT X11 PRO Omni robot docked, illustrating its compact design and integrated water tanks.

### 1.3 Initial Charging and App Connection

Place the robot onto the OMNI Dock to begin charging. Download the ECOVACS HOME app from your smartphone's app store. Follow the in-app instructions to connect your DEEBOT to your Wi-Fi network and complete the initial setup, including mapping your home.

### 1.4 Filling Water Tanks

The OMNI Dock features separate clean and dirty water tanks. Fill the clean water tank with water. For enhanced mopping, you may add a compatible cleaning solution (sold separately) to the designated compartment.



Long before the “Smart Home” concept became fashionable ECOVACS Robotics (ECOVACS) was already at the forefront of innovation in smart home robotics, exploring new ways for robots to transform homeowners' lives.

ECOVACS' more than 27 years of work in service robotics has seen the company transformed from a visionary startup into a global corporation with a Mission of Robotics for All.

Designed to change the way people live and work, ECOVACS robotics are now being used in over 170 countries and regions around the world.

Image: A hand filling the clean water tank of the OMNI Station, highlighting the clear tank design.

## 2. OPERATING THE DEEBOT X11 PRO OMNI

Your DEEBOT is designed for intelligent and efficient cleaning. Utilize the ECOVACS HOME app or voice commands for seamless operation.

## 2.1 Starting a Cleaning Cycle

Initiate cleaning via the ECOVACS HOME app, voice assistants (Alexa, Google, Matter), or directly through the YIKO Agent. The robot will automatically adjust its cleaning path and settings based on your home's layout and routines.



Image: A smartphone displaying the ECOVACS app interface with a cleaning map, alongside the DEEBOT X11 PRO Omni robot on a clean floor, illustrating smart control.

## 2.2 Cleaning Modes and Features

- **OZMO Roller 2.0 Instant Self-Cleaning System:** The high-density nylon roller continuously self-washes, effectively scrubbing sticky spills and dried stains.
- **19,500Pa BLAST Suction:** Combined with 38 CFM airflow, this provides powerful suction to remove embedded dust and pet hair from various surfaces.
- **Triple Lift System:** Automatically lifts brushes for mop-only mode on hard floors and lifts the roller up to 0.6 inches on carpets to prevent cross-contamination.
- **TruEdge 3.0:** The roller extends to clean along baseboards and corners, offering up to 50% better edge coverage.
- **TruePass 4-Wheel Climbing:** Mechanical lever wheels allow the robot to cross steps up to 0.9 inches and gaps up to 1.6 inches without pre-scanning.
- **PowerBoost GaN Charging:** Replenishes battery during wash cycles for continuous cleaning, ideal for large homes.

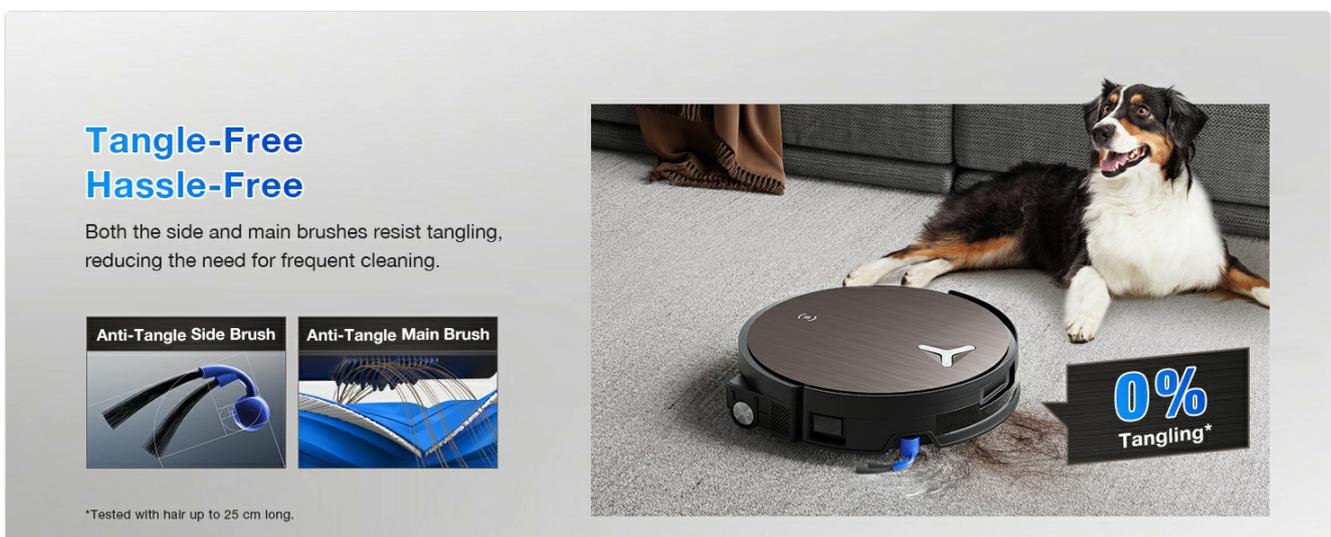


Image: The DEEBOT X11 PRO Omni robot vacuum demonstrating its edge-hugging mopping capability, with the roller extending to

clean close to a wall.

## Reliable Climb, Every Time

Unlike AI-based systems that may misjudge obstacles, TruePass uses mechanically triggered climbing claws that activate instantly upon contact. This ensures stable, seamless movement across thresholds, door tracks, and raised surfaces, delivering confident traversal every time.

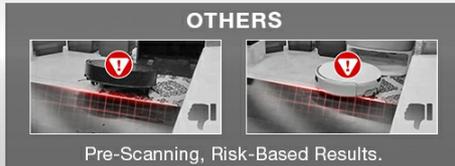


Image: The DEEBOT X11 PRO Omni robot vacuum climbing over a raised threshold, showcasing its TruePass 4-Wheel Climbing system.

## 2.3 Smart Navigation and Control

The robot uses AIVI 3D 3.0, LiDAR, and ToF sensors for precise navigation and obstacle avoidance. Control your DEEBOT through the app to schedule cleanings, customize areas, and monitor progress. It supports integration with Amazon Alexa, Google Home, and Matter for voice and smart home control.

Your browser does not support the video tag.

Video: An official ECOVACS video demonstrating the features and operation of the DEEBOT X11 PRO Omni robot vacuum, including its navigation and cleaning capabilities.

## 3. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your DEEBOT X11 PRO Omni.

### 3.1 OMNI Dock Self-Maintenance

The OMNI Dock automates several maintenance tasks:

- **Auto-Dust Emptying:** The robot's dustbin is automatically emptied into the dock's sealed dustbag, providing up to 150 days of hands-free dust management.
- **Hot Water Mop Washing:** The OZMO Roller 2.0 is washed with 75°C hot water to effectively remove stains and prevent odors.
- **Hot Air Drying:** After washing, the mop roller is dried with 63°C hot air to prevent mildew and unpleasant smells.
- **Water Refill:** The robot's internal water tank is automatically refilled from the clean water tank in the dock.

## Always Ready, No Waiting

Mid-clean battery drop?  
**Long waits. Lost time.**

Unexpected mess?  
**Robot's out of power.**

Carpet boost on?  
**Battery drains fast.**

Other Robotic Vacuums

**PowerBoost  
Charging  
Technology**

Always Charged  
Always Ready to Clean

**DEEBOT X11 PRO OMNI**

Image: A detailed diagram of the OMNI Station illustrating its fully automated maintenance features, including dust emptying, mop washing, and water refilling.

### 3.2 Robot Component Cleaning

- **OZMO Roller 2.0:** While the dock performs self-washing, periodically inspect the roller for any trapped debris or hair.
- **Zero-Tangle Anti-Hair Wrap Brush:** This brush is designed to resist tangling, but occasional inspection and cleaning are recommended to remove any accumulated hair.
- **Washable Filter:** The filter can be washed to maintain suction performance. Refer to the app for cleaning reminders and instructions.
- **Sensors:** Wipe the robot's sensors regularly with a dry cloth to ensure accurate navigation and obstacle detection.

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Video: A video demonstrating the mopping test of the ECOVACS X11 Pro Omni, which also shows the underside of the robot and its cleaning components, useful for understanding maintenance.

## 4. TROUBLESHOOTING

If you encounter issues with your DEEBOT X11 PRO Omni, please refer to the following common solutions:

- **Robot not charging:** Ensure the OMNI Dock is properly plugged in and the robot is correctly seated on the charging contacts. Clean the charging contacts on both the robot and the dock.
- **Poor cleaning performance:** Check if the dustbin is full, the filter is clogged, or the main/side brushes are tangled with hair or debris. Clean or replace as necessary. Ensure water tanks are filled for mopping.
- **Navigation errors:** Clean all sensors on the robot. Ensure there are no new obstacles or changes in the environment that might confuse the robot's mapping.
- **App connectivity issues:** Ensure your Wi-Fi network is stable and the robot is within range. Restart the robot and your router if necessary.

For more detailed troubleshooting, consult the ECOVACS HOME app or the official ECOVACS support website.

## 5. SPECIFICATIONS

Feature	Detail
Brand	ECOVACS
Model Name	DEEBOT X11 PRO OMNI
Special Features	19,500Pa Blast Large-Airflow Suction, AI Navigation, Auto-Lift Mop for Carpet & Spill Protection, GaN PowerBoost Fast Charging for Large Homes, Hassle-free maintenance, Hot Air Drying, Hot Water Mop Washing, OZMO ROLLER Instant Self-Washing Mopping, Self-Emptying, Self-Refilling, YIKO Agent, ZeroTangle Anti-Hair Wrap Brush
Color	Black
Product Dimensions	13.31"L x 20.98"W x 15.94"H
Included Components	DEEBOT X11 PRO OMNI ROBOT VACUUM, Instruction Guide, Main brush&Main Brush Cover*1, Quick guide*1, Side brush*1
Filter Type	WASHABLE
Battery Life	200 minutes
Voltage	110 Volts
Power Source	Battery Powered
Control Method	App, Remote, Touch, Voice
Compatible Devices	Amazon Echo, Google Home, Smartphones
Form Factor	Robotic
UPC	850066858981
Item Weight	42.1 pounds
Manufacturer	ECOVACS
ASIN	B0GF6KVDCG
Item model number	DEEBOT X11 PRO OMNI
Batteries	1 12V batteries required. (included)
Surface Recommendation	Hardwood floor, Carpet, Tile

## 6. WARRANTY INFORMATION

For detailed warranty information regarding your ECOVACS DEEBOT X11 PRO Omni, please refer to the warranty card included in your product packaging or visit the official ECOVACS website. Warranty terms and conditions may vary by region and retailer.

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## 7. CUSTOMER SUPPORT

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If you require further assistance, technical support, or have questions about your ECOVACS DEEBOT X11 PRO Omni, please contact ECOVACS customer service through the following channels:

- **ECOVACS HOME App:** Access support resources and contact options directly within the app.
  - **Official Website:** Visit the [ECOVACS Store](#) or their global support page for FAQs, user manuals, and contact information.
  - **Retailer Support:** Contact the retailer where you purchased the product for assistance.
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