Product specification sheet

Product	Xiaomi Robot Vacuum 5 Pro
SKU	cm-xiaomi-5-pro
Brand	Xiaomi
Category	Home Appliances
Minimum order quantity	1
Unit	—
Unit price	$900.00
Available quantity	100

Description

Xiaomi Robot Vacuum 5 Pro The Xiaomi Robot Vacuum 5 Pro is designed for users who want a smarter, more powerful, and lower-maintenance cleaning solution for the whole home. With 20000Pa suction power, AI triple-camera obstacle recognition, front HD camera home view, dToF Smart Retractable Radar, extendable mop and side brush, ultrasonic carpet detection, anti-tangle brush design, 80°C hot-water mop washing, hot air drying, automatic dust collection, and Xiaomi Home app control, it delivers advanced vacuuming and mopping with less daily effort. Key Features 20000Pa Ultra-Powerful SuctionStrong fan blower suction helps remove dust, crumbs, particles, hair, and dirt from hard floors and carpet fibres. AI Triple-Camera Smart DetectionUses an RGB camera, two infrared cameras, and an infrared 3D dot projector to detect obstacles, dirt, and home surroundings in real time. AI Obstacle RecognitionIdentifies over 200 objects, including small obstacles such as USB cables, socks, and hanging leaves, helping the robot plan smarter cleaning routes. AI Dirt RecognitionDetects different dirt types and adjusts the cleaning strategy accordingly. Front HD Camera Home ViewBuilt-in 5MP HD camera supports real-time home viewing and remote-controlled cleaning through the Xiaomi Home app when enabled. AI Night Vision with LED LightsTwo LED night vision lights turn on automatically in low-light conditions so the robot can detect dirt and obstacles day or night. dToF Smart Retractable RadarRadar automatically lowers in low-clearance areas, allowing the robot to access spaces as low as 9.5cm. Dual-Extension Edge CleaningExtendable side brush and extendable mop pad reach closer to walls, corners, and edges for more complete cleaning coverage. Ultrasonic Carpet DetectionDetects carpets and raises the mop pads by 15mm to help keep carpets dry. Multiple Carpet Cleaning ModesSupports vacuum-only, carpet avoidance, carpet crossing, and ignore carpet options depending on floor type. Up to 20mm Obstacle CrossingFloating main brush cover and durable brushless motor-driven wheels help the robot pass over thresholds and small obstacles. Anti-Tangle Hair-Cutting BrushDual-blade auto-trimming main brush helps reduce hair tangling while cleaning. Anti-Tangle Side BrushLarge-diameter side brush design helps reduce hair sticking and makes maintenance easier. Self-Cleaning Omni StationHandles mop washing, hot air drying, automatic dust collection, water tank support, and ongoing maintenance tasks. 80°C Hot-Water Mop WashingWashes mop pads with hot water to help remove stubborn dirt and keep mop pads cleaner. 2-Hour Hot Air DryingDries mop pads with hot air to help reduce moisture, odours, and mould buildup. Automatic Dust CollectionTransfers dust into the dock’s disposable bag after cleaning for less frequent manual emptying. Up to 75 Days Dust DisposalThe large 2.5L dust bag can last up to 75 days depending on home conditions and cleaning frequency. 4L Large Water TankSupports mopping large areas with fewer refills, up to 400□ under test conditions. 5200mAh Nominal Battery CapacitySupports up to 140 minutes of continuous cleaning depending on mode and environment. Smart Laser NavigationPerforms 360° home scanning for quick mapping, route planning, multiple maps, and resume cleaning. Xiaomi Home App ControlStart cleaning, schedule cleaning, set no-go zones, manage maps, and control settings from your phone. Voice Control SupportWorks with compatible Amazon Alexa and Google Assistant devices. Technical Specifications Product Type: Robot Vacuum & Mop with Omni Station Brand: Xiaomi Model: Xiaomi Robot Vacuum 5 Pro Model Number: OV21GL Suction Power: 20000Pa Navigation: Laser navigation with 360° scanning Obstacle Avoidance: AI triple-camera detection system Camera: 5MP HD camera for real-time home view Low-Clearance Cleaning: dToF Smart Retractable Radar Edge Cleaning: Extendable mop and extendable side brush Carpet Detection: Ultrasonic carpet detection Mop Lift Height: 15mm Obstacle Crossing: Up to 20mm Battery Capacity: 4800mAh rated / 5200mAh nominal Continuous Cleaning Time: Up to 140 minutes Supported System: Android 9.0 and above, iOS 12.0 and above App Support: Xiaomi Home app Voice Control: Amazon Alexa and Google Assistant compatible devices Main Unit Specifications Dimensions: Φ350 × 88mm Rated Power: 55W Rated Voltage: 14.4V Charging Voltage: 20V Net Weight: 3.97kg All-in-One Dock Specifications Dock Dimensions with Ramp Extension: 470 × 360 × 572mm Dock Dimensions without Ramp Extension: 260 × 360 × 572mm Rated Input: 220–240V~, 50/60Hz Rated Output: 20V DC 1.5A Rated Input Power During Dust Collection: 530W Rated Input Power During Hot Water Cleaning: 1600W Rated Input Power During Hot Air Drying and Charging: 85W Clean Water Tank Capacity: 4L Dust Bag Capacity: 2.5L Dust Disposal Period: Up to 75 days Cleaning Technologies AI Obstacle Avoidance: Recognises objects and helps avoid obstacles AI Dirt Detection: Identifies dirt types and adjusts cleaning strategy AI Night Vision: Helps cleaning in low-light areas dToF Retractable

Radar: Lowers for cleaning under low furniture Extendable Side Brush: Reaches dust in corners and along edges Extendable Mop Pad: Cleans closer to walls and corners Anti-Tangle Main Brush: Cuts and collects hair while cleaning Anti-Tangle Side Brush: Reduces hair wrapping Ultrasonic Carpet Detection: Raises mop pads on carpets Self-Cleaning Station: Washes, dries, and collects dust automatically Smart Features Xiaomi Home app remote control Cleaning schedules No-go zones Multiple maps Quick mapping Route planning Resume cleaning from last point Smart home automation support Real-time home view through 5MP camera when enabled Voice control with compatible Alexa or Google Assistant devices Battery Life Battery Capacity: 4800mAh rated / 5200mAh nominal Cleaning Time: Up to 140 minutes Actual runtime depends on suction mode, mopping settings, floor type, obstacle amount, room layout, carpet use, and battery condition. Best Use Cases Large homes Mixed hard floors and carpets Homes with pets Hair and dust cleaning Edge and corner cleaning Low-clearance furniture areas Busy households Users who want less manual vacuum maintenance Smart home cleaning routines What’s in the Box Xiaomi Robot Vacuum 5 Pro × 1 Omni station × 1 With pre-installed disposable bag, clean water tank, dirty water tank, and washboard Dust compartment × 1 Filter × 1, pre-installed on the dust compartment Side brush × 1 Anti-tangle main brush × 1 Brush cover × 1 Cord set × 1 Washboard base extender × 1 Mop pad holder × 2 With pre-installed mop pad × 2 User manual × 1 Image guide × 1 Quick start guide × 1