

Cleaning Robot Market with COVID-19 Impact by Type (Professional, Personal), Product (Floor Cleaning, Lawn Cleaning, Pool Cleaning, Window Cleaning), Application (Residential, Commercial, Industrial, Healthcare), and Geography - Global Forecast to 2026

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Abstracts

The cleaning robot market size is projected to reach USD 24.8 billion by 2026 from an estimated USD 8.9 billion in 2021, at a CAGR of 22.8% from 2021 to 2026. The growth of the cleaning robot market is fueled by the penetration of automation in household appliances, rise in labor costs, increasing safety concerns, and compact size with self-charging capability.

“Based on product, market for lawn-cleaning robots to grow at significant rate between 2021 and 2026.”

Also known as robotic lawnmowers, lawn-cleaning robots use sensor technology to stay within a defined area in a yard and are typically able to avoid obstacles such as trees and lawn furniture. Lawn-cleaning robots are replacements for manual mowers. The advent of wireless technology in smartphones or tablets has helped control lawn-cleaning robots. These robots can be scheduled with the help of apps in smartphones. Demand for lawn-cleaning robots is expected to be driven by their rising adoption in the residential sector.

“Market for professional cleaning robots to grow at faster rate than personal cleaning robots during the forecast period”

Compared to the personal cleaning robot market, the share of professional cleaning robots is lesser. However, the adoption of professional robots is increasing, mainly in

the commercial sector. Floor-cleaning robots for professional use are costlier and bigger in size compared to floor-cleaning robots for personal use. COVID-19 has further forced commercial space operators to curb human contact and follow social distancing norms while also undertaking cleaning processes on the premises. These initiatives will play a key role in driving the adoption of professional cleaning robots during the forecast period.

“Market for commercial application to register significant CAGR from 2021-2026”

The commercial sector comprises all non-manufacturing business establishments, including hotels, restaurants, wholesale businesses, retail stores, warehouses, storage facilities, and social and educational institutions. Cleaning robots in the commercial sector provide hands-free operations to reduce cost and increase productivity. The growth of cleaning robots for commercial applications can be attributed to growing concerns toward the maintenance of proper hygiene, primarily due to COVID-19. This is one of the factors driving the adoption of cleaning robots for commercial applications during the forecast period.

“Based on region, North America is expected to hold significant share of cleaning robot market in 2021.”

In 2021, North America is expected to hold significant share of the cleaning robot market. The increasing adoption of robotic vacuums among domestic and industrial applications is propelling the overall demand for cleaning robots in North America. The influx of IoT and the adoption of autonomous technology are strong in this region, thus helping the cleaning robot market grow at a rapid pace. Moreover, North America is one of the most technologically advanced application markets for cleaning robots, owing to the presence of prominent system suppliers, large semiconductor companies, and cleaning robot manufacturers.

In-depth interviews have been conducted with chief executive officers (CEOs), directors, and other executives from various key organizations operating in the cleaning robot marketplace.

By Company Type: Tier 1 – 27%, Tier 2 – 37%, and Tier 3 – 36%

By Designation: C-Level Executives – 26%, Directors – 27%, and Others – 47%

By Region: North America – 30%, Europe – 24%, APAC – 36%, and RoW – 10%

iRobot (US), Ecovacs Robotics (China), Samsung Electronics (South Korea), LG Electronics (South Korea), Xiaomi (China), Roborock (China), SharkNinja (US), Neato Robotics (US), Cecotec Innovaciones (Spain), and Panasonic (Japan) are a few key companies operating in the cleaning robot market.

The study includes an in-depth competitive analysis of these key players in the cleaning robot market, with their company profiles, recent developments, and key market strategies.

Research Coverage

The report defines, describes, and forecasts the cleaning robot market based on type, product, application, and region. It provides detailed information regarding factors such as drivers, restraints, opportunities, and challenges influencing the growth of the cleaning robot market. It also analyzes partnerships, contracts, product launches, and expansions carried out by the key players to grow in the market.

Key Benefits of Buying the Report

This report will help market leaders/new entrants in this industry with information on the closest approximations of the revenue numbers for the overall cleaning robot market and the subsegments. The report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report will also help stakeholders to understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

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*Details on Business Overview, Products Offered, Recent Developments (Product

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