

Robotic Surgical Companion Global Market Report 2025 | Business Growth, Development Factors, Current and Trends till 2029

*The Business Research Company's
Robotic Surgical Companion Global
Market Report 2025 – Market Size,
Trends, And Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, November 17, 2025
/EINPresswire.com/ -- How Much Is The
[Robotic Surgical Companion Market](#)
Worth?

The market for robotic surgical companions has seen quick expansion in the past few years. The market is predicted to swell from \$6.06 billion in 2024 to roughly \$6.90 billion in 2025, representing a compound annual growth rate (CAGR) of 14.0%. Factors like escalated investment

“

Get 20% Off All Global
Market Reports With Code
ONLINE20 – Stay Ahead Of
Trade Shifts,
Macroeconomic Trends, And
Industry Disruptors

”

*The Business Research
Company*

The Business
Research Company

The Business Research Company

in healthcare robotics, a surge in the preference of surgeons for robotic help, elevated demand for less invasive surgeries, amplified spending on innovative medical technologies, and an intensified concentration on precision and efficiency in surgery can explain the growth during the historic period.

In the forthcoming years, the robotic surgical companion market is set to experience a substantial expansion, with its value anticipated to reach \$11.52 billion in 2029, demonstrating a compound annual growth rate (CAGR) of 13.6%. This prospective growth is largely due to the

increasing popularity of surgeon-owned operation centers, expanded application of robots in intricate and specialized surgeries, heightened patient cognizance, and penchant for less invasive robot-assisted procedures. Other contributing factors include greater adoption of cloud-based surgical data analysis to manage patient information and heightened commitment to mitigate surgical errors and complications. Notable trends that will characterize the forecast period include employing artificial intelligence and machine learning to improve surgical accuracy, advancements in tactile feedback and surgeon control systems, integration of cloud-

based surgical data management systems, developments in miniaturized and flexible robotic tools, and the incorporation of augmented reality and imaging technology.

Download a free sample of the robotic surgical companion market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=29182&type=smp>

What Are The Factors Driving The Robotic Surgical Companion Market?

The anticipated expansion of the robotic surgical companion market is largely driven by the rising incidence of cancer. Defined by the uncontrolled multiplication of body cells leading to potential damage to adjacent tissues and possible spread to other parts of the body, cancer is increasingly becoming a major health concern. Key contributing factors to this rise include unhealthy lifestyles, such as improper diet, inadequate exercise, and tobacco consumption, which elevate the risk of cellular damage and unchecked cellular proliferation. In cancer treatment, robotic surgical companions play a pivotal role by executing highly precise, minimally invasive operations that reduce damage to healthy tissues and expedite patient recovery. For example, the World Health Organization, a Switzerland-based inter-governmental entity, predicted in February 2024 that the number of new cancer instances will surpass 35 million by 2050. This represents a 77% jump relative to the nearly 20 million cases logged in 2022. As such, the escalating incidence of cancer is fueling the expansion of the robotic surgical companion market.

Who Are The Major Players In The Robotic Surgical Companion Market?

Major players in the Robotic Surgical Companion Global Market Report 2025 include:

- Johnson & Johnson
- Siemens Healthineers AG
- Medtronic plc
- Stryker Corporation
- Zimmer Biomet Holdings Inc.
- Smith & Nephew plc
- KUKA AG
- Globus Medical Inc.
- Renishaw plc
- Meere Company Inc.

What Are Some Emerging Trends In The Robotic Surgical Companion Market?

Leading companies in the robotic surgical companion market are concentrating on the development of innovative solutions such as AI-enabled robotic surgery systems to improve surgical precision, decrease operation duration, and enhance patient outcomes. AI-assisted robotic surgery systems embody a surgical platform that integrates artificial intelligence algorithms with robotic tools aimed at assisting surgeons in strategizing, directing, and executing surgical procedures with improved precision, accuracy, and effectiveness. Take for example, CARE Hospitals, a healthcare provider based in India, which in July 2025 launched the Stryker Mako Robotic System to increase accuracy in orthopedic surgeries. It's an advanced AI-equipped

technology allowing highly accurate, tailored joint replacement operations using detailed 3D modeling and real-time robotic direction. Its core advantages encompass better surgical precision, minimized tissue injury, less post-surgery pain, faster recuperation, and more foreseeable results. The system aims to improve the standard and consistency of orthopedic surgeries, aiding patients in achieving improved long-term joint function, shorter hospitalization period, and lesser complications as opposed to conventional procedures.

Which Segment Accounted For The Largest [Robotic Surgical Companion Market Share](#)?

The robotic surgical companion market covered in this report is segmented –

- 1) By Component: Hardware, Software, Services
- 2) By Product Type: Surgical Robots, Robotic Surgical Assistants, Robotic Navigation Systems, Other Product Types
- 3) By Application: General Surgery, Urology, Gynecology, Orthopedics, Cardiovascular, Neurosurgery, Other Applications
- 4) By End-User: Hospitals, Ambulatory Surgical Centers, Specialty Clinics, Other End-Users

Subsegments:

- 1) By Hardware: Surgical Robots, Accessories And Consumables, Endoscopic Instruments
- 2) By Software: Surgical Planning Software Artificial Intelligence And Analytics Software, Imaging And Navigation Software
- 3) By Services: Maintenance And Support, Remote Monitoring And Upgrades, Training And Consulting

View the full robotic surgical companion market report:

<https://www.thebusinessresearchcompany.com/report/robotic-surgical-companion-global-market-report>

What Are The Regional Trends In The Robotic Surgical Companion Market?

In 2024, North America stood as the leading region in the Robotic Surgical Companion Global Market Report 2025. The report projects its growth status for the upcoming year. It covers regions including Asia-Pacific, Western Europe, Eastern Europe, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Robotic Surgical Companion Market 2025, By [The Business Research Company](#)

Surgical Robots Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/surgical-robots-global-market-report>

Surgical Robot Accessories Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/surgical-robot-accessories-global-market-report>

Robotic Surgery Services Global Market Report Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/robotic-surgery-services-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/867196206>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.