

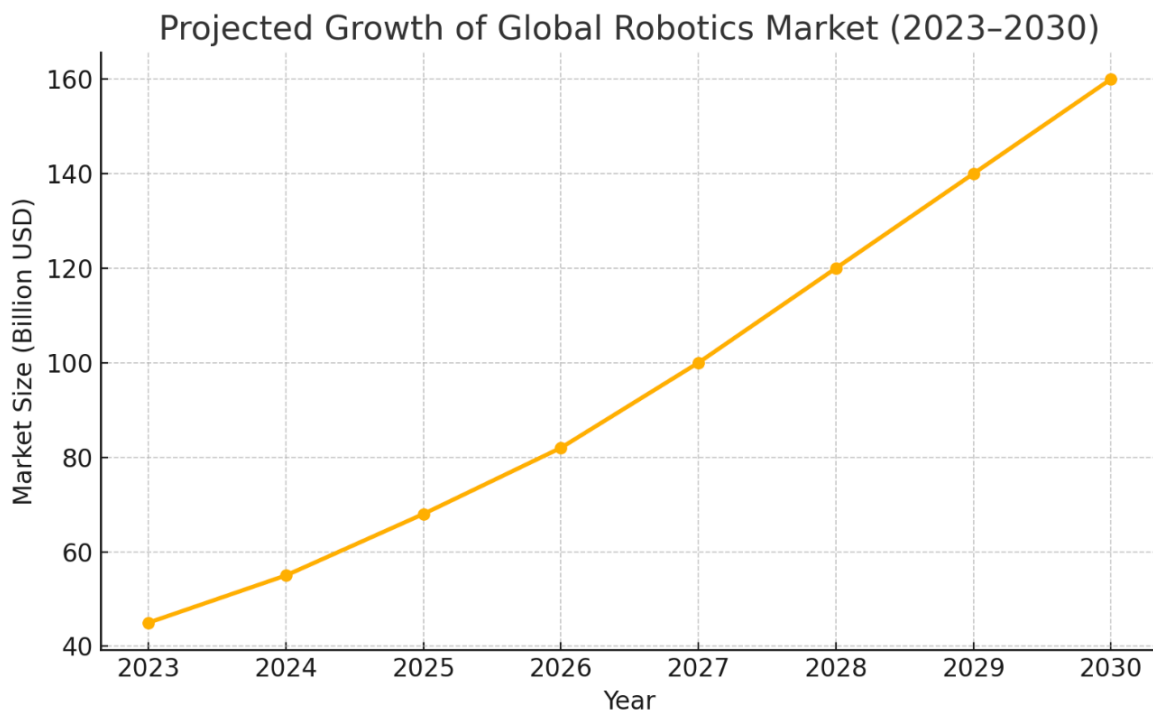
1. Global Robotics Market Growth (2023–2030)

Summary: The robotics market is projected to grow from \$45 billion in 2023 to over \$160 billion by 2030. This includes industrial, service, personal, and humanoid robots.

Why it matters: Shows the massive and accelerating opportunity that Partenit.io fits into.

Sources:

- [Fortune Business Insights – Robotics Market Forecast](#)
- [Statista – Robotics market size worldwide 2022-2030](#)



2. Projected Demand for AI Memory Systems in Robotics (2024–2030)

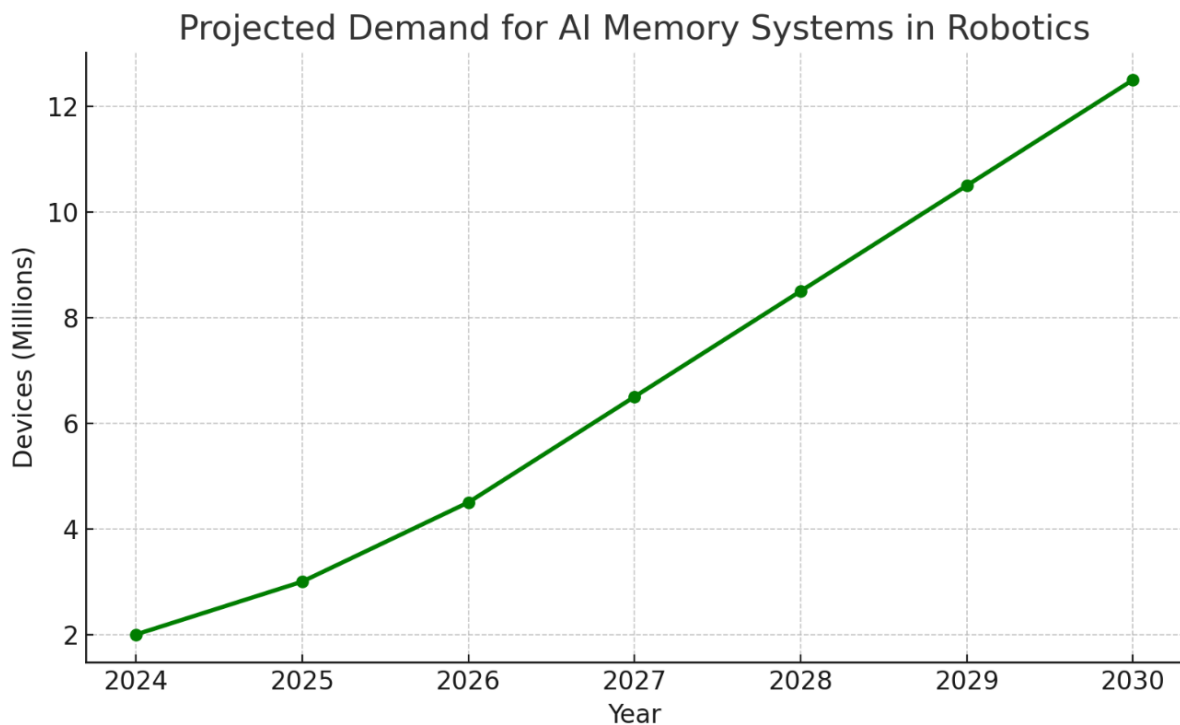
Summary: The number of robots requiring embedded memory and adaptive behavior will grow from 2 million to over 12 million devices. This includes service, personal, and collaborative robots that need autonomy, explainability, and learning capabilities.

Why it matters: Highlights the rise of a new AI layer — ontological

memory — and its increasing relevance.

Sources:

- [IFR – World Robotics 2023 Service Robots Report](#)
- [MarketsandMarkets – AI in Robotics Market](#)



3. Adoption of Humanoid & Service Robots (2023–2030)

Summary: The number of deployed humanoid and service robots is expected to grow from ~200,000 in 2023 to over 3 million by 2030. This includes robots used in logistics, healthcare, hospitality, and home assistance.

Why it matters: These robot categories are the most reliant on **local memory, real-time adaptation, and explainable AI** — exactly what Partenit.io delivers.

Sources:

- [IFR – World Robotics Reports](#)
- [Boston Consulting Group – The Rise of Service Robots](#)
- [Tesla AI Day – Optimus Presentation](#)

