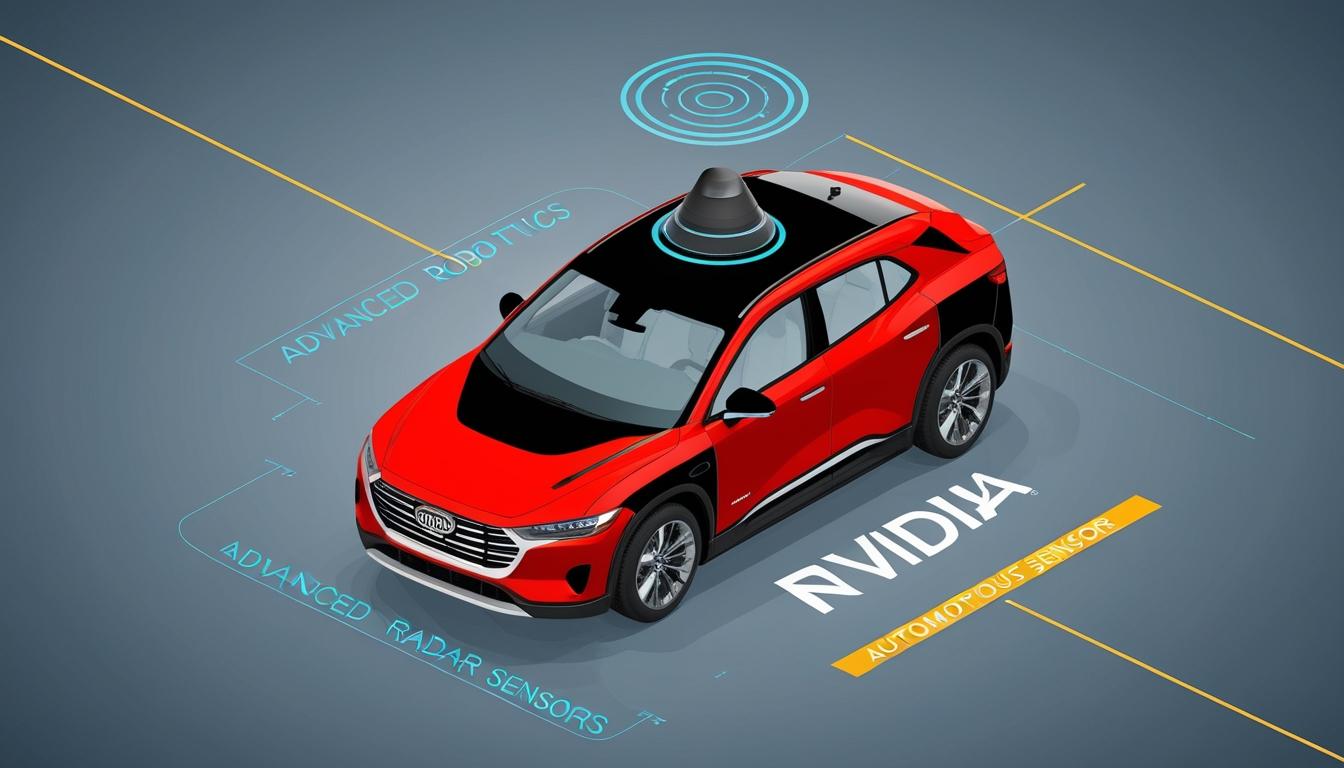
# Arbe Robotics experiences stock surge following Nvidia collaboration



Israeli automotive chip technology company Arbe Robotics (Nasdaq: ARBE; TASE: ARBE) experienced a significant surge in its stock price, increasing by 64% on the Nasdaq and achieving a market valuation of approximately $362 million. This escalation followed the announcement of a collaboration with the chip manufacturing giant Nvidia.

The partnership aims to enhance Arbe's free-space mapping and artificial intelligence capabilities, which are critical for advancing the automotive sector. Arbe's high-resolution radar technology is set to integrate with Nvidia's DRIVE AGX in-vehicle computing platform, targeting applications that facilitate hands-free driving and bolster real-time safety measures. The collaborative solution is scheduled for presentation at CES 2025, taking place in Las Vegas later this month.

Central to Arbe's innovation is its AI-driven processing capability, which creates a highly detailed and dense point cloud that supports long-range detection across various weather conditions and lighting scenarios, while minimising false alarms in urban as well as highway environments. Arbe Robotics is focusing on the development of advanced chips specifically designed for automotive imaging radars, targeting safety applications along with the burgeoning market for autonomous vehicles.

In the previous year, Arbe successfully raised 103 million shekels in convertible bonds on the Tel Aviv Stock Exchange; however, these funds will only be released contingent upon the company securing a tender or contract with a leading automotive industry player. Currently, Arbe must maintain its stock price above $3.1 for 30 consecutive trading days to unlock these funds. The company's shares, which closed at $2.63 last weekend, have since surged past this threshold, reaching $4.12. Nonetheless, the necessity to sustain this pricing requirement for the stipulated duration remains.

Koby Marinko, CEO of Arbe Robotics, commented on the company's advancements, stating, “Arba is redefining the field of automotive safety with next-generation radar solutions that provide accurate and detailed information about the vehicle’s environment during a trip and enable seamless integration with cameras and other sensors in the vehicle.” He further noted that live demonstrations at CES will showcase how their technology contributes to the vision of achieving safe driving without accidents and, ultimately, developing self-driving vehicles.

Arbe Robotics, which transitioned into a Special Purpose Acquisition Company (SPAC) three years ago with a valuation of about $500 million, continues to position itself at the forefront of industry innovation, fuelling optimism regarding its future trajectory within the automotive technology landscape.

Source: [Noah Wire Services](https://www.noahwire.com)

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