

Volvo to introduce Google Gemini with new all-electric EX60

19-Jan-2026 11:39 GMT

IHS Markit

S&P Global

Supply Chain and Technology, Automotive

The new Volvo EX60 also benefits from regular over-the-air updates enabled by the Superset tech stack

Volvo Cars is preparing to unveil the fully electric EX60 — a midsize sport utility vehicle that introduces a new era of human-centric, AI-powered mobility. The EX60 is the first Volvo designed to launch with Gemini, Google's AI assistant, enabling truly natural, conversational interaction with the car. Set to make its global debut on

Jan. 21, the EX60 combines cutting-edge AI, advanced computing and seamless software integration to make driving safer, easier and more intuitive. Every element of the car is designed to work quietly in the background, supporting the driver without distraction.



Source: Getty image/ Oleksandr Siedov

Gemini enhances every journey by enabling hands-free control through natural, multiturn conversation. Deeply integrated and highly personalized, it allows drivers to manage complex tasks without memorizing commands or diverting attention from the road. Whether retrieving information from emails, checking cargo capacity or planning a road trip, Gemini makes the EX60 intuitive and effortless to use — building on nearly a decade of collaboration between Volvo Cars and Google.

At the heart of the EX60 is the latest evolution of HuginCore, Volvo Cars' newly named core system inspired by Norse mythology. Encompassing the vehicle's electrical architecture, core computing, zone controllers and software, HuginCore represents a true software-defined car. It enables continuous improvement through over-the-air updates while reinforcing Volvo's long-standing leadership in safety. The advanced AI capabilities of the EX60 are powered by the NVIDIA Drive platform, running on the Drive AGX Orin system-on-a-chip and the safety-certified DriveOS operating system. Together, these technologies deliver Volvo's most responsive infotainment system to date — with instant screen response, fast-loading maps and improved voice recognition, all designed to keep the driver focused on the road.

HuginCore enables the EX60 to continuously interpret and assess its surroundings using a wide array of sensors, providing the car with a precise, real-time understanding of its environment. This awareness allows the vehicle to anticipate risks, support confident decision-making and deliver advanced driver-assistance features. With computing capability exceeding 250 trillion operations per second, the EX60 does not just process data — it learns. Drawing on insights from Volvo vehicles worldwide, including real-world incidents and near-misses, the car continuously improves its performance over time.

Like all new Volvo models, the EX60 benefits from regular over-the-air updates enabled by the Superset tech stack — Volvo's unified software foundation that allows vehicles to evolve long after delivery. As Gemini becomes more deeply integrated, new capabilities will be unlocked, including the ability to use vehicle cameras to understand and respond to external conditions.

This content may be AI-assisted and is composed, reviewed, edited and approved by S&P Global.

CONTACTS

The Americas

+1 877 863 1306

Europe, Middle East & Africa

+44 20 7176 1234

Asia-Pacific

+852 2533 3565

www.spglobal.com/mobility

Copyright © 2025 S&P Global Inc. All rights reserved.

These materials, including any software, data, processing technology, index data, ratings, credit-related analysis, research, model, software or other application or output described herein, or any part thereof (collectively the “Property”) constitute the proprietary and confidential information of S&P Global Inc its affiliates (each and together “S&P Global”) and/or its third party provider licensors. S&P Global on behalf of itself and its third-party licensors reserves all rights in and to the Property. These materials have been prepared solely for information purposes based upon information generally available to the public and from sources believed to be reliable.

Any copying, reproduction, reverse-engineering, modification, distribution, transmission or disclosure of the Property, in any form or by any means, is strictly prohibited without the prior written consent of S&P Global. The Property shall not be used for any unauthorized or unlawful purposes. S&P Global’s opinions, statements, estimates, projections, quotes and credit-related and other analyses are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold, or sell any securities or to make any investment decisions, and do not address the suitability of any security, and there is no obligation on S&P Global to update the foregoing or any other element of the Property. S&P Global may provide index data. Direct investment in an index is not possible. Exposure to an asset class represented by an index is available through investable instruments based on that index. The Property and its composition and content are subject to change without notice.

THE PROPERTY IS PROVIDED ON AN “AS IS” BASIS. NEITHER S&P GLOBAL NOR ANY THIRD PARTY PROVIDERS (TOGETHER, “S&P GLOBAL PARTIES”) MAKE ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE PROPERTY’S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE PROPERTY WILL OPERATE IN ANY SOFTWARE OR HARDWARE CONFIGURATION, NOR ANY WARRANTIES, EXPRESS OR IMPLIED, AS TO ITS ACCURACY, AVAILABILITY, COMPLETENESS OR TIMELINESS, OR TO THE RESULTS TO BE OBTAINED FROM THE USE OF THE PROPERTY. S&P GLOBAL PARTIES SHALL NOT IN ANY WAY BE LIABLE TO ANY RECIPIENT FOR ANY INACCURACIES, ERRORS OR OMISSIONS REGARDLESS OF THE CAUSE. Without limiting the foregoing, S&P Global Parties shall have no liability whatsoever to any recipient, whether in contract, in tort (including negligence), under warranty, under statute or otherwise, in respect of any loss or damage suffered by any recipient as a result of or in connection with the Property, or any course of action determined, by it or any third party, whether or not based on or relating to the Property. In no event shall S&P Global be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees or losses (including without limitation lost income or lost profits and opportunity costs or losses caused by negligence) in connection with any use of the Property even if advised of the possibility of such damages. The Property should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions.

The S&P Global logo is a registered trademark of S&P Global, and the trademarks of S&P Global used within this document or materials are protected by international laws. Any other names may be trademarks of their respective owners.

The inclusion of a link to an external website by S&P Global should not be understood to be an endorsement of that website or the website’s owners (or their products/services). S&P Global is not responsible for either the content or output of external websites. S&P Global keeps certain activities of its divisions separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain divisions of S&P Global may have information that is not available to other S&P Global divisions. S&P Global has established policies and procedures to maintain the confidentiality of certain nonpublic information received in connection with each analytical process. S&P Global may receive compensation for its ratings and certain analyses, normally from issuers or underwriters of securities or from obligors. S&P Global reserves the right to disseminate its opinions and analyses. S&P Global Ratings’ public ratings and analyses are made available on its sites, www.spglobal.com/ratings (free of charge) and www.capitaliq.com (subscription), and may be distributed through other means, including via S&P Global publications and third party redistributors.