Foxconn Partners With NVIDIA to Build Automated Electric Vehicles

Foxconn to Manufacture NVIDIA DRIVE Orin Computers for Global Automotive Market, Integrate NVIDIA DRIVE Hyperion Sensor Architecture for EV Fleets

CES—NVIDIA and Hon Hai Technology Group (Foxconn), the world’s largest technology manufacturer, today announced a strategic partnership to develop automated and autonomous vehicle platforms.

As part of the agreement, Foxconn will be a tier-one manufacturer, producing electronic control units (ECUs) based on NVIDIA DRIVE Orin™ for the global automotive market. Foxconn manufactured electric vehicles (EVs) will feature DRIVE Orin ECUs and DRIVE Hyperion™ sensors for highly automated driving capabilities.

“This strategic cooperation with NVIDIA strengthens the intelligent driving solutions Foxconn will be able to provide. Together, we are enabling the industry to build energy-efficient, automated vehicles,” said Eric Yeh, senior director of the Software Development Center at Foxconn. “This is a well-considered partnership that leverages unique strengths on each side in the pursuit of innovative EV development and opportunities.”

The partnership with Foxconn will allow NVIDIA to further scale its efforts and meet growing industry demand as more transportation leaders select DRIVE Orin for intelligent vehicles. In addition, by building EVs on the DRIVE Hyperion qualified sensor set, Foxconn will speed up its time-to-market and time-to-cost strategies.

“Our partnership with Foxconn will provide OEMs developing intelligent driving solutions with a world-class supplier that can scale for volume manufacturing of the NVIDIA DRIVE Orin platform,” said Rishi Dhall, vice president of automotive at NVIDIA. “Foxconn’s decision to also use the DRIVE Hyperion sensor suite for its EVs will help accelerate their path to production without compromising safety, reliability or quality.”

The automotive-grade NVIDIA DRIVE Orin system-on-a-chip achieves up to 254 trillion operations per second and is designed to handle the large number of applications and deep neural networks that run simultaneously in autonomous vehicles. NVIDIA DRIVE Hyperion is a modular development platform and reference architecture for designing autonomous vehicles. Combined, they serve as the brain and central nervous system of the vehicle, processing massive amounts of sensor data in real time so autonomous vehicles can safely perceive, plan and act.

About Hon Hai
Established in 1974 in Taiwan, Hon Hai Technology Group (“Foxconn”) (2317: Taiwan) is the world’s largest electronics manufacturer. Hon Hai is also the leading technological solution provider, and it continuously leverages its expertise in software and hardware to integrate its unique manufacturing systems with emerging technologies. Hon Hai has expanded its capabilities into the development of electric vehicles, digital health, and robotics, and three key technologies — new-generation communications technology, AI and semiconductors — which are key to driving its long-term growth strategy.

In addition to maximizing value-creation for customers who include many of the world’s leading technology companies, Hon Hai is dedicated to championing environmental sustainability in the manufacturing process and serving as a best-practices model for global enterprises. To learn more, visit www.honhai.com.

About NVIDIA
Since its founding in 1993, NVIDIA (NASDAQ: NVDA) has been a pioneer in accelerated computing. The company’s invention of the GPU in 1999 sparked the growth of the PC gaming market, redefined computer graphics, ignited the era of modern AI and is fueling the creation of the metaverse. NVIDIA is now a full-stack computing company with data-center-scale offerings that are reshaping industry. More information at https://nvidianews.nvidia.com/.

Certain statements in this press release including, but not limited to, statements as to: NVIDIA’s partnership with Foxconn and the benefits and impact thereof; and the benefits and impact of NVIDIA’s products and technologies, including NVIDIA DRIVE Orin and NVIDIA DRIVE Hyperion are forward-looking statements that are subject to risks and uncertainties that could cause results to be materially different than expectations. Important factors that could cause actual results to differ materially include: global economic conditions; our reliance on third parties to manufacture, assemble, package and test our products; the impact of technological development and competition; development of new products and technologies or enhancements to our existing product and technologies; market acceptance of our products or our partners' products; design, manufacturing or software defects; changes in consumer preferences or demands; changes in industry standards and interfaces; unexpected loss of performance of our products or technologies when integrated into systems; as well as other factors detailed from time to time in the most recent reports NVIDIA files with the Securities and Exchange Commission, or SEC, including, but not limited to, its annual report on Form 10-K and quarterly reports on Form 10-Q. Copies of reports filed with the SEC are posted on the company's website and are available from NVIDIA without charge. These forward-looking
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