# Nvidia's AI advancements take centre stage at CES 2025



At the recently concluded Consumer Electronics Show (CES) 2025, advancements in artificial intelligence automation for businesses were prominently showcased, underlining the innovative possibilities of AI technologies across various sectors. Notably, chipmaker Nvidia made headlines by introducing a new AI model designed for enhanced understanding of the physical world, alongside a new suite of large language models intended to power future AI agents.

Nvidia’s CEO, Jensen Huang, articulated the company’s vision, stating that these foundational AI models are particularly suitable for applications in robotics and autonomous vehicles. However, they also have the potential to redefine the capabilities of smart glasses, which have become increasingly popular as tech-enabled eyewear gathers momentum in the market. According to Counterpoint Research, shipments of Meta's smart spectacles surpassed 1 million units in November 2024, indicating a growing consumer interest in such AI-integrated technologies.

These devices are positioned to serve as effective platforms for AI assistants, which could utilise built-in cameras and sophisticated processing capabilities to interpret visual and auditory information, assisting users in various tasks beyond simple queries. During a press conference at CES, Huang remarked on the exhilarating potential of combining AI with wearables and technologies like smart glasses, stating, "The use of AI as it gets connected to wearables and virtual presence technology like glasses, all of that is super exciting."

Huang further elaborated on the concept of cloud processing, suggesting that with Nvidia's Cosmos model, heavy queries could be processed in the cloud, alleviating the computational demands typically placed on portable devices. He indicated that if manufacturers wished to introduce smart glasses that harness Nvidia’s AI capabilities directly on the device, the Cosmos model could be optimised into a more compact version tailored for specific functionalities.

Nvidia’s new AI Cosmos model aims to collect extensive data about the physical environment, a process akin to training large language models on written content. Huang predicted, “The ChatGPT moment for robotics is coming,” indicating significant advancements in the field.

In addition to the new models based on Meta's Llama technology, known as Llama Nemotron, which are intended to accelerate AI agent development, Nvidia's recent patent application has generated speculation regarding future smart glasses offerings. Despite the absence of formal announcements from the company, the tech landscape is shifting as significant players like Google, Samsung, and Qualcomm revealed plans last month to collaborate on a new mixed reality platform called Android XR, suggesting a move towards heightened prominence for smart glasses in the near future.

Several innovative smart glasses were showcased at CES 2025, including the RayNeo X3 Pro and Halliday models. Additionally, a report from the International Data Corporation from September projected a substantial 73.1% increase in smart glasses shipments in 2024, reinforcing the anticipation surrounding the evolution of this technology. Nvidia’s ongoing developments are positioned as a key element to observe within this rapidly expanding domain.

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

## Bibliography

1. <https://www.youtube.com/watch?v=B2OWbXaDbpI> - This video discusses NVIDIA's announcements at CES 2025, including the GeForce RTX Fifty Series GPUs, the Cosmos platform, and advancements in AI and autonomous vehicles, which aligns with the article's mention of Nvidia's new AI models and their applications.
2. <https://www.youtube.com/watch?v=9Uch931cDx8> - This video explains NVIDIA Cosmos, a platform for physical AI, which includes generative world foundation models and is designed for applications in robotics and autonomous vehicles, corroborating the article's details on Nvidia’s AI Cosmos model.
3. <https://www.instagram.com/yahoofinance/reel/DEkbz4IKGwa/> - This reel covers Nvidia's CES 2025 announcements, including the Project Digits AI supercomputer and the GB one10 chip, supporting the article's mention of Nvidia’s new AI technologies and their potential applications.
4. <https://www.noahwire.com> - Although the specific article is not linked, this is the source mentioned in the query, which provides the overall context and details about CES 2025 and Nvidia’s announcements.
5. <https://www.counterpointresearch.com/> - Counterpoint Research is mentioned in the article as the source for the data on Meta's smart spectacles shipments, though the exact URL to the specific report is not provided here.
6. <https://www.nvidia.com/en-us/newsroom/> - Nvidia's official newsroom would contain press releases and announcements about their new AI models, Cosmos platform, and other technologies showcased at CES 2025.
7. <https://www.idc.com/> - The International Data Corporation (IDC) is referenced for their report on the projected increase in smart glasses shipments, though the exact URL to the specific report is not provided here.
8. <https://www.meta.com/newsroom/> - Meta's newsroom would have information on their smart spectacles and other AI-integrated technologies mentioned in the article.
9. <https://www.qualcomm.com/news> - Qualcomm's news section would include information on their collaboration with other companies on the Android XR platform, as mentioned in the article.
10. <https://www.samsung.com/us/newsroom/> - Samsung's newsroom would have updates on their involvement in the Android XR platform and other smart glasses technologies discussed in the article.
11. <https://www.google.com/about/> - Google's official website would contain information on their involvement in mixed reality platforms and smart glasses, as hinted at in the article.
12. <https://www.cnet.com/tech/mobile/nvidias-ceo-explains-how-its-new-ai-models-could-work-on-future-smart-glasses/#ftag=CADf328eec> - Please view link - unable to able to access data