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Foxconn unveils two prototype EVs

Hon Hai Technology Group (Foxconn) has unveiled two prototype electric vehicles (EVs) at its recent Hon Hai Tech Day in Taipei, Taiwan. This continues Foxconn's move heavily into the automotive market on both the semiconductor side and the vehicle development side.

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TALK TO US



NXP unveils OrangeBox controller for auto connectivity and security

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Nvidia's 'unlaunch' of new 12GB 4080 graphics card

Nvidia took the unusual step of "unlaunching" a product it had just launched last month - the RTX 4080 12GB graphics card. "The RTX 4080 12GB is a fantastic graphics card, but it's not named right," Nvidia said in a blog. "Having two GPUs with the 4080 designation is confusing."

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Intel To Continue Manufacturing Its Own Chips

To fuel its so-called IDM 2.0 strategy, Intel Corp. will shift to an internal foundry model that will see the company continue to build its own semiconductors, maybe even expand the use of its own manufacturing.

The move is part of Intel CEO Pat Gelsinger's multiyear plan called IDM 2.0 where the company transforms back to a manufacturing powerhouse with a scheduled five process nodes to be completed in four years. If Intel hits this goal, it could very well compete with the likes of foundry leader Taiwan Semiconductor Manufacturing Co. (TSMC) and chip giant Samsung Electronics — considered to be the leaders in semiconductor manufacturing currently.

Foxconn Unveils Two Prototype Evs

Hon Hai Technology Group (Foxconn) has unveiled two prototype electric vehicles (EVs) at its recent Hon Hai Tech Day in Taipei, Taiwan.

This continues Foxconn's move heavily into the automotive market on both the semiconductor side and the vehicle development side.

The two EVs include one hatchback crossover and the second is an all-terrain electric pickup.

The Model V is the first made-in-Taiwan all-electric pickup truck and will complete the range of vehicles that Foxconn has with its passenger cars and large commercial vehicles. Model V is developed from a collaboration with Foxconn's MIH alliance partners and will have a payload of up to 1 ton and a towing capacity of 3 tons. The EV pickup adopts a double-cab, five-seat configuration with sensors that cover the EV.

IBM's AI Chip Can Run Any Type Of Deep Learning Task

IBM has developed a new artificial intelligence (AI) application specific integrated circuit (ASIC) containing 32 processing cores and 23 billion transistors to run any deep learning task.

Called the AI unit (AIU), the chip is designed for deep learning, whether it's processing spoken language, words or images on a screen. The IBM AIU is designed to be an easy-to-use graphics card and can be plugged into any computer or service with a PCIe slot.

IBM said it did not design the chip from scratch but used a scaled version of its AI accelerator built into its Telum chip. The 32 cores in the IBM AIU resemble the AI core embedded in the Telum chip that powers IBM's z16 system.

One major difference is that Telum uses transistors that are 7 nm in size while the AIU will feature faster and smaller 5 nm transistors.

NXP Unveils Orangebox Controller For Auto Connectivity And Security

NXP Semiconductors N.V. announced OrangeBox, a development platform to help automotive designers accommodate wired and wireless inputs and protect against security vulnerabilities amidst a growing automated vehicle design evolution.

The company described OrangeBox as both a development platform and a modular controller to be installed in a vehicle that provides a unified interface between the vehicle gateway and its wired and wireless technologies. This approach is designed to offer a centralized location for security now disparate across the many network pathways in a vehicle, expanding the cyber-attack surface.

Nvidia's 'Unlaunch' Of New 12GB 4080 Graphics Card Comes After Pricing Uproar

Nvidia took the unusual step on Friday of "unlaunching" a product it had just launched last month -- the RTX 4080 12GB graphics card.

"The RTX 4080 12GB is a fantastic graphics card, but it's not named right," Nvidia said in a blog. "Having two GPUs with the 4080 designation is confusing." The other 4080 with 16GB is still on track for release Nov. 16.

The semiconductor industry needs to continuously deliver better performance from a smaller footprint with higher frequency response, higher reliability and lower power consumption - and all with a lower barrier for entry than

How the naming snafu happened was not explained in the blog, nor did the company say when it plans to relaunch the 12GB version under a different name.