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Intel reportedly planning thousands of job cuts on PC decline

Intel is reportedly planning to cut thousands of jobs, especially in sales and marketing, as the PC market has seen a historic market decline in the past three quarters.Bloomberg News reported the job cut action is expected to occur about the time of the third-quarter earnings report on Oct. 27. The report cited unnamed sources and Intel made no immediate comment.

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TALK TO US

Skeleton launches superbattery that charges in 30s

Skeleton Technologies has launched its fast charging 'superbattery' that builds on its supercapacitor technology.

The 2.25V battery can charge in 60 seconds to allow for up to 30 minutes of driving with a ppeak charging rate of 100C. T

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Siemens digital twins for ACC battery gigafactories

Siemens and Automotive Cells Company (ACC) are working together on digital twin technology for battery gigafactories across Europe. The Xcelerator tools will be used to develop digital twins for plants in Billy-Berclau Douvrin, France, Kaiserslautern, Germany and potentially Termoli, Italy, strengthening the position of Siemens as a key technology partner for automotive battery

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Future Horizons Ltd, • 44 Bethel Road • Sevenoaks • Kent TN13 3UE • England
Tel: +44 1732 740440 • Fax: +44 1732 740442
e-mail: mail@futurehorizons.com• http://www.futurehorizons.com/
Affiliates in Europe, India, Israel, Japan, Russian, San Jose California, USA

Portnox Puts Fingerprints On Iot Devices To Improve Security

Portnox, a provider of cloud-native zero trust control and security, announced the general availability of its IoT Fingerprinting solution for discovering and identifying IoT devices within a network.

That could prove to be a valuable capability at a time when IoT is expanding throughout enterprise networks. Developers of IoT products and the companies deploying them have not always prioritized security, which may be less of an issue when deployments are small and tightly controlled than when they begin to grow and enterprises start to see more use cases and applications for IoT throughout their organizations.

AMD Alveo Cards Used In Energy Department's Esnet6 Network

AMD revealed that it contributed FPGA technology to the U.S. Department of Energy's newest dedicated science network, a blindingly fast 46 Terabits-per-second architecture called ESnet6.

AMD began with ESnet, headquartered at the Lawrence Berkeley National Laboratory in California, in 2018. The extreme scale packet monitoring system of the current iteration uses AMD Alveo U280 FPGA-based network-attached accelerator cards at the core network switching nodes, according to AMD.

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 advances at the transistor level.

"This will enable high-touch packet processing and help improve the accuracy of network monitoring and management to enhance performance," according to an AMD statement. "The programmable hardware allows for new capabilities to be added for continuous innovation in the network."

Intel Reportedly Planning Thousands Of Job Cuts On PC Decline

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CEO Pat Gelson signaled the possibility of cuts in its second quarter earnings report, noting the chipmaker would be "lowering core expenses in calendar year 2022 and will look to take additional actions in the second half of the year." The company currently employs nearly 114,000 people worldwide.

Skeleton Launches Superbattery That Charges In 30s

Skeleton Technologies has launched its fast charging 'superbattery' that builds on its supercapacitor technology.

The 2.25V battery can charge in 60 seconds to allow for up to 30 minutes of driving with a ppeak charging rate of 100C. The continuous charging rate is 20C, with a lifetime of 50 000 charge/discharge cycles, ten times that of Lithium-Ion batteries, providing much longer lifetime. The battery cell has a power density of 10kW/kg and energy density of 65Wh/kg.

Skeleton in Germany is a leading developer and manufacturer of supercapacitors through deals with Siemens and other suppliers.

Siemens Digital Twins For ACC Battery Gigafactories

Siemens and Automotive Cells Company (ACC) are working together on digital twin technology for battery gigafactories across Europe.

The Xcelerator tools will be used to develop digital twins for plants in Billy-Berclau Douvrin, France, Kaiserslautern, Germany and potentially Termoli, Italy, strengthening the position of Siemens as a key technology partner for automotive battery manufacturing.

Under the agreement, Siemens will become ACC's preferred supplier in automation, digitalization, and electrification technology and could also provide funding for the gigafactories. Siemens had previously signed several technology partnerships with Northvolt and Inobat in Europe as well as LGChem.

The Xcelerator open digital business platform was launched in June with a curated portfolio of IoT-enabled hardware and software and commitment to strong partnerships aims to accelerate digital transformation.