

Vecow Launched SPC-7000/7100 Series Ultra-Compact Fanless Embedded Box PC

Equipped with the latest advanced platform, compact integration, flexible configuration, and industrial-grade reliability, Vecow SPC-7000/7100 Series is a perfect solution for Factory Automation, Service Robot, Cellular V2X, Smart Retail and any AIoT/Industry 4.0 applications.

New Taipei City, Taiwan, Nov. 9, 2020 – Vecow Co., Ltd., a team of edge computing professionals, announced the release of a new feature-packed Ultra-Compact Fanless Embedded Box PC, SPC-7000/7100 Series. Powered by the latest 11th Gen Intel® Core™ i7/i5/i3 Processor, SPC-7000/7100 delivers high-performance computing and real-time capabilities for critical Industrial IoT deployment. This system is equipped with the newest Intel® Iris® X^e Graphics and TSN technology, making it a perfect solution for Factory Automation, Service Robot, Cellular V2X, Smart Retail and any AIoT/Industry 4.0 applications.

Complete with an advanced platform, Vecow SPC-7000/7100 Series is based on 11th Gen Intel® Core™ Processor (Tiger Lake UP3) and runs on Intel® SoC with 28W TDP supported, which delivers up to 22% faster CPU performance than the previous generation. This ultra-compact embedded Box PC includes 32GB of DDR4 3200MHz memory and features advanced Intel® Iris® X^e graphics, enabling dual DisplayPort displays with 8K Resolution. Available across high-speed connectivity such as USB (10G), and GigE LAN (2.5G), SPC-7000/7100 Series is capable of supporting demanding AI-enabled workloads in a wide range of industrial use cases.

Vecow SPC-7000/7100 Series features a wide range of I/O interfaces including 1 GigE LAN, 2.5GigE LAN, 4 USB, 2 COM, as well as 1 SIM card socket. It has 1 SATA III and 1 M.2 Key B for storage. In addition, it provides M.2 socket to support 5G/WiFi 6/4G/LTE/GPRS/UMTS wireless networks and SUMIT A, B (optional) socket for 10G LAN, 10G SFP+, 5G, SIM socket, PoE+, Series port and video capture expansion, enabling users to have flexible function expansion. By providing a fanless design, -40°C to 85°C extended operating temperature, 9V to 55V DC-in, as well as ignition power control, Vecow SPC-7000 Series is ideal for AI vision applications such as AMRs used in logistics and Cellular V2X for intelligent transportation.

"Vecow SPC-7000/7100 Series is not only ultra-compact design but provides rich I/O interfaces," said Randy Chang, Senior Product Manager, Embedded Systems & Platform Division at Vecow. "To fulfill demanding AI workloads, SPC-7000/7100 Series supports

TSN technology that makes it possible for our customers to run real-time computing and synchronous process control.”

"We are so proud to introduce this compact system to our partners," said Jay Hsiao, Sales Manager, Sales & Marketing Division at Vecow. "It is worth mentioning that our partner does not have to sacrifice features for the small footprint. More importantly, Vecow SPC-7000/7100 Series adds more innovative features like 2.5G TSN technology, 9V to 55V DC-in and M.2 expansion.”

Featuring advanced system platform: 11th Gen Intel® Core™ processor with Intel® Iris® Xe Graphics, compact integration, flexible configuration and industrial-grade reliability, Vecow SPC-7000/7100 is ideal for modern AI inferencing and computer vision applications at the edge including Factory Automation, Service Robot, Cellular V2X, Smart Retail and any AIoT/Industry 4.0 applications.

To learn more about Vecow Ultra-compact Fanless System, please visit the SPC-7000/7100 product page or www.vecow.com for more details.

About Vecow

Vecow is a team of edge computing professionals. We are dedicated to designing, developing, producing, and selling industrial-grade computer products. All of our products are leading in performance, have trusted reliability, advanced technology, and innovative concepts. Vecow offers a wide variety of products and we look forward to the opportunity of demonstrating how a partnership with us can help your company accelerate growth and efficiency.

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