Press Release

Taipei, Taiwan – Oct. 29th, 2018

**Cincoze announces DS-1200 Rugged Embedded Computer Featuring 8th-Gen Intel® Core™ Processor, Modular Design, and PCI/PCIe Expansions**



Cincoze, a professional manufacturer of embedded computing platforms, is pleased to introduce its latest rugged embedded computer DS-1200 series. The system is equipped with Intel® Q370 chipset and supports the 8th Gen Intel® Core™ / Pentium® / Celeron® 35W/65W LGA 1151 processors family. The new 8th generation Intel® Core™ processor (Coffee Lake) for the first time offers up to 6 cores, 12 threads and 1.4 times computing performance improvement comparing to the previous generation (Kaby Lake). The integrated Intel® UHD Graphics can drive up to 3 independent display outputs and support 4K UHD resolution. DS-1200 series also supports the most advanced technologies, such as DDR4-2666 SO-DIMM memory, USB 3.1 (Gen2) ports, and ultra-fast PCIex4 NVMe SSD for users to experience the highest performance possible.

DS-1200 series comes with rich I/O connectors, including 2x Intel® GbE ports, 8x USB ports, 1x DVI-I, 2x DisplayPort, 1x PS/2, 1x Line-out, 1x Mic-in, 2x RS-232/422/485 ports, and a remote power/reset connector. The system also has 2x front accessible SIM card slots for redundant 3G/4G connections. In addition, DS-1200 series provides friendly features, including instant reboot, replaceable fuse, and integrated SuperCap for easy maintenance.

Based on Cincoze’ innovative CMI & CFM technology, it allows users to expand I/O and functionalities through ready-to-use modules, such as GbE/PoE ports, serial ports, optical isolated digital I/O and power ignition function. Additionally, the system provides 3x full-size Mini PCI Express slots and up to 2x PCI/PCIe expansion slots for more I/O expansions.

“To leverage the latest Intel® 8th generation Core™ processor, we have designed-in multiple cutting-edge computer technologies for DS-1200 to provide the best performance.” said Brandon Chien, CEO of Cincoze. “DS-1200 is a truly rugged computer series featuring fanless/cableless design, wide operating temperature (-40°C to 70°C), wide range DC power input (from 9V to 48V), high tolerance of vibration/shock (5G/50G), and industrial-grade protections (OVP, OCP, ESD Surge, ...etc). It passed various rigorous tests, as well as industry compilance EN50155 (EN50121-3-2) and EN60950-1 certifications for operations in harsh environments.”

DS-1200 series is available in three different models: DS-1200 without PCI(e) expansion slot, DS-1201 with one PCI(e) expansion slot, and DS-1202 with two PCI(e) expansion slots. By choosing optional riser cards, users can install versatile add-on cards for their specific applications.



**DS-1200 Series Line Up**

**DS-1200  
8th Generation Intel® Core™ Series Processors, High Performance, Expandable and Modular Rugged Embedded Computer**

**DS-1201  
8th Generation Intel® Core™ Series Processors, High Performance, Expandable and Modular Rugged Embedded Computer with 1x PCI/PCIe Expansion Slot**

**DS-1202  
8th Generation Intel® Core™ Series Processors, High Performance, Expandable and Modular Rugged Embedded Computer with 2x PCI/PCIe Expansion Slots**

**About Cincoze**

Cincoze, a professional manufacturer of embedded computing platforms. We design, manufacture, and market rugged fanless computer, industrial panel PCs, and monitors for harsh and demanding environments. With its leading-edge products and application-driven functionalities, Cincoze enables new technologies and solutions for multiple applications, including factory automation, machine automation, machine vision, in-vehicle computing, intelligent transportation, and surveillance.

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