## Cincoze Launches Rugged Workstation with 7th/6th Generation Intel® Xeon® E3 and Core™ Processors

Extreme Performance, Great Expansibility, and Application-driven Design


Cincoze, a global leader in embedded computing technology, today expands its product offering by introducing new rugged workstation “DX-1000”. The system is based on workstation grade Intel® C236 chipset to support 7th/6th Generation Intel® Xeon® E3 and Core™ Processors in LGA 1151 package. The DX-1000 Series can play 4K UHD content through Intel® Gen9 graphics engine with two DDR4 SO-DIMM sockets up to 32GB memory which delivers outstanding computing performance for high-end and multi-task applications.

The DX-1000 modular design is based on Cincoze's exclusive CMI and CFM technologies, which offer a fast customer-specific solution without design risks or additional development costs. By supporting ready-to-use expansion modules such as 2x powered serial ports, 16x isolated digital I/O, 4x GbE M12/RJ45 LAN ports, PoE function and power ignition sensing, the DX-1000 Series allows users to configure their specific systems more efficiently.

The DX-1000 accommodates rich I/O interfaces, including 1x DVI-I, 2x DisplayPort, 2x Intel GbE LAN, 8x USB 3.0 and 4x BIOS-configurable RS-232/422/485 serial ports. In addition, 4x mini PCIe slots and 1x SIM socket are supported to empower the DX-1000 as a communication hub for a variety of wireless connections, such as GPS, Bluetooth, WiFi, and WWAN. With dual hot-swappable 2.5 SATA HDD/SSD drive bays and RAID 0/1 support, the system provides high data throughput or complete data redundancy.

“The DX-1000 is the last piece of the puzzle for our Diamond product line. DX stands for Diamond Extreme and it is specially designed for “workstation grade performance and compact size” within Cincoze’s product portfolio. Due to its application-driven design makes it ideal for factory automation, machine vision, in-vehicle computing and mobile surveillance. It’s also suitable for space-constrained applications and demanding environmental conditions.” said Brandon Chien, CEO of Cincoze.

The DX-1000 features wide operating temperature (-40~+70°C), wide range DC power input (9~48 VDC), high tolerance to vibration and shock (5/50 Grms), rugged uni-body construction, fanless, cable-less and jumper-less design to ensure a significantly prolonged lifespan and high system availability. The system also offers flexible mounting possibilities, including VESA mount, wall mount, DIN-rail mount and side mount options to fulfill various installation environments. And finally, the DX-1000 passed EN50155/50121-3-2 and E-mark certifications, making the system suitable for various industrial rolling stock and vehicle applications.

**About Cincoze**

Cincoze, a global leader in embedded computing technology. The company designs, manufactures, and markets Rugged Fanless Computer and Convertible Embedded System, Industrial Panel PC and Industrial Monitor to customers worldwide. With its leading-edge products and application-driven functionalities, Cincoze enables new technologies and applications across multiple industries, including factory automation, machine automation, machine vision, in-vehicle computing, intelligent transportation and surveillance.

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