



***cincoze***<sup>®</sup>



[www.cincoze.com](http://www.cincoze.com)

## EXPERTISE IN EDGE COMPUTING

- Manufacturing
- Transportation
- Energy & Environment
- City
- Marine
- Resource-Based Industries

# ABOUT CINCOZE



## Expertise in Edge Computing

Cincoze, an Original Brand Manufacturer (OBM), specializes in edge computing solutions for AI, IIoT, and industrial automation. We deliver cutting-edge systems that drive innovation and ensure reliability across industries. Cincoze designs, develops, manufactures, and markets Rugged embedded computers for harsh environments and critical applications. Over the years, Cincoze has launched numerous innovative products, earning multiple patents, awards, and international certifications.



| Manufacturing



| Transportation



| Energy & Environment



| City



| Marine



| Resource-Based Industries

# PRODUCT LINEUP

## | Rugged Computing (DIAMOND)



**Rugged Embedded Computer**  
For harsh environments

## | Display Computing (CRYSTAL)



**Industrial Panel PC and Monitors**  
For HMI solution

## | GPU Computing (GOLD)



**GPU Embedded Computer**  
For AI applications

## | Machine Computing (MAGNET)



**DIN-Rail Computer**  
For machinery automation



# Rugged Embedded Computer (DIAMOND)



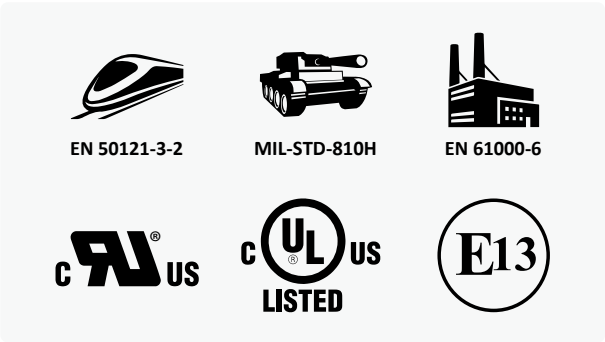
## Rugged

Features a rugged design with a fanless and cable-less, high shock and vibration tolerance, and an impressive wide temperature range (-40 to 70°C).



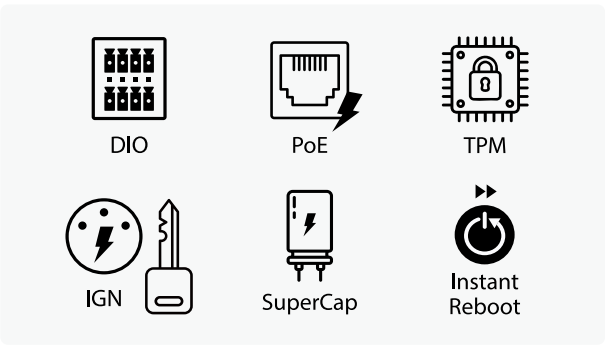
## Modular

Cincoze's unique CMI (Combined Multiple I/O), CFM (Control Function Module), and M.2 expansion card technologies enable I/O expansion and added functionality.



## Reliable

Compliance with international standards or certifications, such as those for railway, in-vehicle, military, safety, and industrial EMC.



## Application-driven

Our products include application-ready features like digital I/O, IGN, PoE, TPM, SuperCap, and instant reboot, accelerating deployment and reducing development costs.

# High Performance



## High Performance & Basic I/O DV SERIES

- Supports Intel® Core™ / Pentium® / Celeron® Socket Type Processor
- Up to 4x M.2 or Mini-PCIe Sockets
- CMI Technology for DisplayPort, HDMI, COM & DIO
- CFM Technology for Power Ignition Sensing



## High Performance & Compact DX SERIES

- Supports Intel® Xeon® / Core™ Socket Type Processor
- 2x 2.5" Hot Swap SATA Drive Bays
- CMI Technology for GbE LAN, COM & DIO
- CFM Technology for PoE



## High Performance & PCIe Expandable DS SERIES

- Supports Intel® Xeon® / Core™ Socket Type Processor
- Up to 2x PCI/PCIe Expansion Slots
- 1x M.2 Key M NVMe SSD
- CMI Technology for GbE LAN, COM & DIO
- CMI Technology for PoE
- Exclusive Patent: I773359

# Mid Performance



## Mid Performance & Power-saving DI SERIES

- Onboard Mobile Intel® Core™ U-series Processor
- Up to 2x 2.5" SATA Drive Bays
- CMI Technology for GbE LAN, COM & DIO
- CFM Technology for Power Ignition Sensing & PoE



## Mid Performance & PCIe Expandable DE SERIES

- Supports Intel® Core™ PS Series Socket Type Processor
- Up to 2x PCI/PCIe Expansion Slots
- Supports M.2 Key M NVMe SSD
- CMI Technology for GbE LAN, COM & DIO
- CFM Technology for Power Ignition Sensing & PoE

# Entry Performance



## Entry Performance & Basic I/O DA SERIES

- Onboard Intel® N / Pentium® / Atom® Processor
- Palm Size (150x105x52.3mm)
- 1x CMI interface for I/O Module Expansion
- Optional stackable kit for MEC I/O Expansion



## Entry Performance & Compact DC SERIES

- Onboard Intel® N / Pentium® / Atom® Processor
- Ultra Compact Size (185x131x56.5)
- 2x CMI interface for I/O Module Expansion
- Optional stackable kit for MEC I/O Expansion

# Industrial Panel PC and Monitors (CRYSTAL)



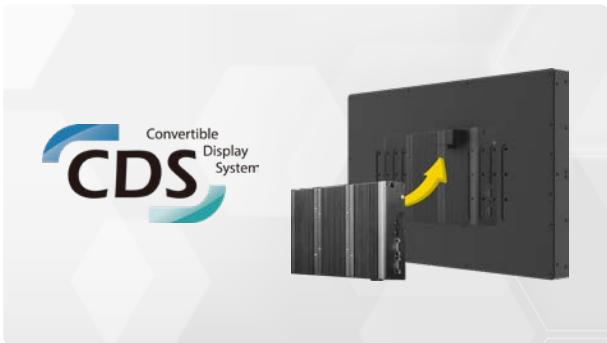
## IP65 Front Protection

All models feature IP65 front panel protection, ensuring durability and resistance to dust and water in challenging environments.



## Industrial Grade LCD

Featuring an industrial-grade LCD with a backlight lifetime of up to 50,000 hours, ensuring long-term operation.



## Innovative Technology (CDS)

Cincoze's patented CDS technology enables flexible upgrades and lowers maintenance costs with easy changes of computer or display modules.



## UL Certification

Cincoze's industrial panel PCs and monitors are certified with UL safety standards, ensuring reliable and safe operation for users in harsh environments.

# I Industrial Panel PC & Monitor



## Industrial Panel PC

CV / P SERIES

- LCD Size: 8.4" to 24" TFT-LCD (300 – 500 nits)
- Touch Type: 5-wire Resistive, P-Cap
- Onboard Intel® Core™ i / N / Pentium® / Atom® Processor
- Up to 1xPCI/PCIe Expansion Slot
- Supports Panel / VESA / Rack Mounting



## Industrial Monitor

CV / M SERIES

- LCD Size: 8.4" to 24" TFT-LCD (300 – 500 nits)
- Touch Type: 5-wire Resistive, P-Cap
- Video Input: VGA, HDMI, and DisplayPort
- Supports Panel / VESA / Rack Mounting

# I Sunlight Readable Panel PC & Monitor



## Sunlight Readable Panel PC

CS / P SERIES

- LCD Size: 8.4" to 24" TFT-LCD (1,000 – 1,800 nits)
- Touch Type: Projected Capacitive (P-CAP)
- Onboard Intel® Core™ i / N / Pentium® / Atom® Processor
- Up to 1xPCI/PCIe Expansion Slot
- Supports Panel / VESA / Rack Mounting



## Sunlight Readable Monitor

CS / M SERIES

- LCD Size: 8.4" to 24" TFT-LCD (1,000 – 1,800 nits)
- Touch Type: Projected Capacitive (P-CAP)
- Video Input: VGA, HDMI, and DisplayPort
- Supports Panel / VESA / Rack Mounting

# I Open Frame Panel PC & Monitor



## Open Frame Panel PC

CO / P SERIES

- LCD Size: 12"-24" TFT-LCD (300 – 500 nits)
- Touch Type: Projected Capacitive (P-CAP)
- Onboard Intel® Core™ i / N / Pentium® / Atom® Processor
- Adjustable Mounting Bracket Design
- Supports Flat / Standard / VESA / Rack Mounting



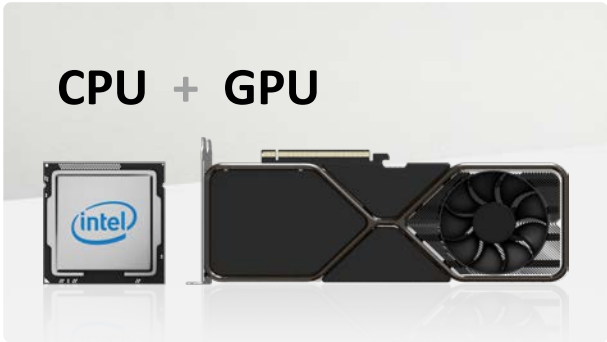
## Open Frame Monitor

CO / M SERIES

- LCD Size: 12"-24" TFT-LCD (300 – 500 nits)
- Touch Type: Projected Capacitive (P-CAP)
- Video Input: VGA, HDMI, and DisplayPort
- Adjustable Mounting Bracket Design
- Supports Flat / Standard / VESA / Rack Mounting



GPU Embedded Computer (GOLD)



Extreme Computing Performance

Cincoze GPU Computers combine powerful CPU and GPU capabilities to deliver extreme computing performance, ideal for Edge AI application



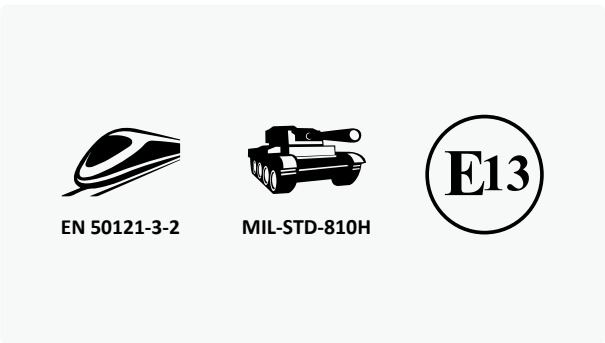
Outstanding Thermal Design

To ensure reliable performance, Cincoze's specialized heat dissipation design effectively manages heat even under full CPU and GPU loads.



High-Speed Data Transmission

Cincoze GPU Computers provide high-speed I/O, large-capacity storage, and high-speed storage, making them ideal for AI applications.



Certified for Demanding Environments

Cincoze GPU Computers meet EN50121-3-2, E-mark, and MIL-STD-810H standards, ensuring durability and reliability across various industries.

PCIe GPU



Dual Full-length GPU Expandable Computer

GP SERIES

- Supports Intel® Xeon®/ Core™ Processor
- Supports up to dual 250W PCIe GPU card expansion
- 4 x 2.5" Hot-Swappable SATA III HDD/SSD Bays (Max Height 15 mm)
- Versatile Mounting Methods (Wall / Desktop / Vehicle / Rack Mount)

MXM GPU



Embedded MXM GPU Computer

GM SERIES

- Supports Intel® Xeon®/ Core™ Processor
- Supports 1x MXM 3.1 Type A/B form factor GPU module expansion
- Proprietary CMI interface for various I/O expandability
- Proprietary CFM interface for PoE+ or Power Ignition Sensing (IGN)

SoM GPU



Embedded SoM GPU Computer

GJ SERIES

- Supports NVIDIA Jetson Nano and NX SoM GPUs
- Supports M.2 socket for storage and expansion options
- Supports wide operating temperature range
- UL certified

# DIN-Rail Computer (MAGNET)



## I High Performance



### High Performance & Scalable DIN-Rail Computer MD-3000 SERIES

- Supports Intel Core socket type processor (up to 65W)
- Scalable design with options for 2, 4 or 6 expansion decks
- Flexible I/O module options (LAN / USB / COM / DIO)
- Supports 5 x GbE LAN ports & 2 x PCIe x4 NVMe storage slots

## I Mid Performance



### Mid Performance & Scalable DIN-Rail Computer MD-2000 SERIES

- Onboard Intel Core U-series mobile processor
- Scalable design with options for 2 or 4 expansion decks
- Flexible I/O module options (LAN / USB / COM / DIO)

## I Entry Performance



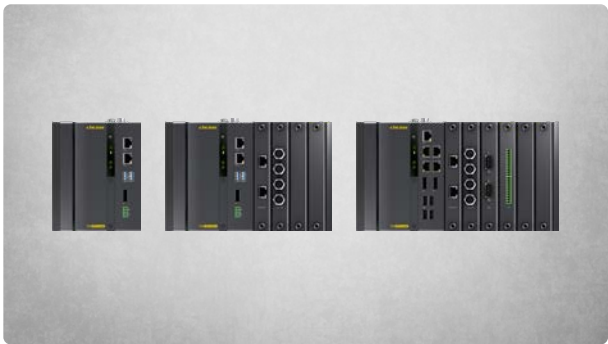
### Entry Performance DIN-Rail Computer MD-1000 SERIES

- Onboard Intel N / Atom processor
- Compact size
- Flexible mounting options: DIN-Rail & Wall Mounting



### Compact Size

With a compact design and DIN-rail mounting, the MD series is perfect for deployment in control cabinets, workstations, and enclosures.



### Scalable Design

The MD series features a scalable design with optional 2, 4, or 6-deck expansions, allowing for customization with additional I/O and functionality.



### Versatile I/O and Functionality Options

According to demand, additional I/O (LAN, USB, DIO, COM) and functionalities (PoE, IGN, storage) can be expanded flexibly.



### Rugged Design

The MD series is engineered for reliable performance in harsh conditions, meeting industrial protection standards, particularly EMC (IEC 61000-6).