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Booth 3-543

CVTE High-Performance Industrial Computer: Empowering Diverse Industrial Scenarios

Written by CVTE Team

With the accelerated industrial intelligence transformation, core scenarios like machine vision and high-speed automatic control demand better computing performance and interface compatibility. CVTE has launched a high-performance embedded industrial computer based on Intel® Core™ Ultra Series processors, breaking performance bottlenecks with premium hardware and expanding application boundaries with rich interfaces to support industrial upgrade.

Adopting a BOX design, this computer integrates an NPU with Intel Core Ultra processors (Series 1 and 2), forming an efficient "CPU+NPU" architecture. It balances general computing and AI acceleration, meeting industrial demands for high computing power and low latency. Powered by Intel's advanced architecture, it delivers strong performance with improved power efficiency, efficiently handling complex workloads like machine vision and high-speed control.

The model CIS-PMTL-LW01 is equipped with dual-channel DDR5 memory (max 96GB), ensuring smooth multi-task operation, avoiding stutters, and accelerating data processing—ideal for high-end manufacturing scenarios such as precision inspection.

Its rich interfaces enable seamless connection without extra modules: 4 RJ45 Gigabit ports (3×I210 + 1×I266) for stable industrial data transmission; 4 USB 3.2 ports (3×Type A + 1×Type C) for high-speed peripheral connection; 3 display interfaces (HDMI, DP, Type C with DP++) for multi-screen control, fitting monitoring and inspection needs.

Backed by Intel's performance, 96GB memory, and comprehensive interfaces, this CVTE industrial computer boasts excellent adaptability. It is widely applicable in machine vision, high-speed control, IIoT, and precision manufacturing, providing a stable "one-stop" computing solution for industrial intelligence upgrade.

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