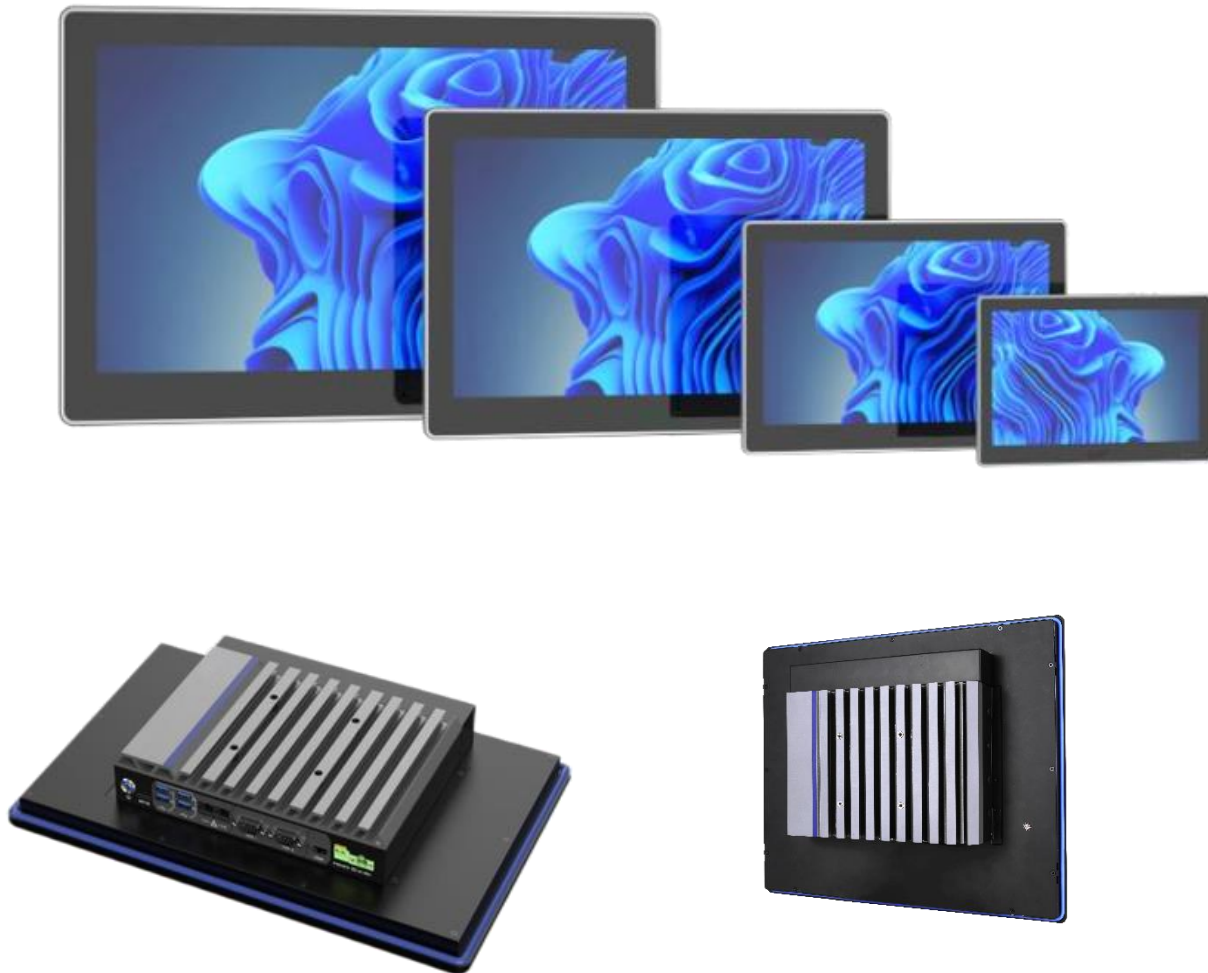


21.5" Wireless Module Design Panel PC | PPC - C2127



The **PPC-C Series Wireless Module Design Panel PC** exemplifies our commitment to excellence as a premier ODM provider. Designed for flexibility and high performance, this series offers modular replacement options and a range of high-definition displays, from 10" to 21.5". With four powerful module choices—Intel® Baytrail, Elkhart Lake, Alder Lake-U, and H110—each equipped with advanced capacitive or resistive touchscreens, the PPC-C series is engineered to adapt to your specific needs.

Our innovative OVS module ensures that users can effortlessly upgrade or maintain their systems without altering the original design, providing unparalleled convenience and efficiency. Ideal for applications in smart factories, wind power systems, solar photovoltaics, and environmental monitoring, the PPC-C series stands as a testament to our dedication to delivering cutting-edge solutions tailored to the unique demands of diverse industries. As a unified ODM partner, we are committed to supporting your success with our customizable, high-quality products.

Key Features

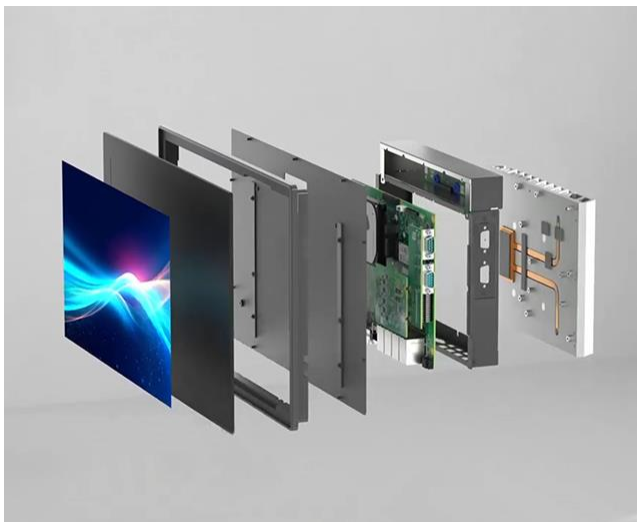
- 12th Gen Intel® Core™ U CPU & EHL J6412
- IP65 Front Panel with Fanless Design
- 10" - 21.5" LED Backlight Display
- Optional Capacitive/Resistive Touch Screen that supports 10-Point Touch
- Modular Design with Optional Intel® Baytrail / Elkhart Lake / Alder Lake Core -U / H110 Platform
- 2 x 1000Mbps Ethernet Ports or 4 x Ethernet Ports
- Supports 2 x RS232/422/485 Interfaces with Surge Protection
- DC 12-36V Wide Voltage Input, Supports RVP / SCP / OVP / OCP
- I/O Ports: HDMI / 2 x LAN / 4 x USB / 2 x COM

Modular Design for Flexibility and Upgrades



Our PPC-C series features a state-of-the-art modular design that ensures seamless compatibility with a range of platform motherboards. This advanced capability allows for swift and effortless component replacements, making future upgrades and after-sales maintenance exceptionally convenient. As a leading ODM provider, we deliver systems that offer customers the flexibility to swap components without the need for a complete overhaul, ensuring long-term reliability and adaptability.

Innovative Bus Definition for Easy Configuration



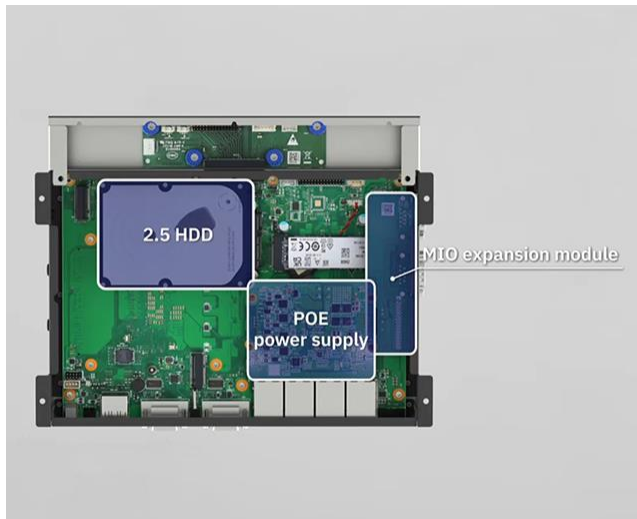
Experience unparalleled flexibility with our system's support for both eDP (Embedded DisplayPort) and LVDS (Low-Voltage Differential Signaling). This innovative design enables users to effortlessly switch between display interfaces without the need for hardware modifications or jumper adjustments. Our commitment to simplicity and customization caters to a wide range of industrial applications, making configuration straightforward and adaptable to your specific needs.

Automotive-Grade Interface for Enhanced Durability



Engineered with an automotive-grade floating board-to-board connection, our system minimizes the risk of stress-related damage commonly associated with traditional cable connections. This robust design enhances durability and reliability, ensuring optimal performance even in the most demanding environments, such as industrial automation and harsh weather conditions.

Multiple Optional Accessories for Customization



Our comprehensive system includes an onboard MIO expansion module, offering additional connectivity options to meet diverse industry requirements. Users can opt for accessories, including Power over Ethernet (PoE) power supplies, to tailor the system to specific applications like surveillance systems and smart factories. As a versatile ODM partner, we provide solutions that cater to your unique operational needs.

Highly Sensitive and Accurate Touch Control



Featuring an optional capacitive or resistive touchscreen, our system is designed for exceptional precision and sensitivity. Equipped with anti-glare and anti-fingerprint technologies, these screens are ideal for high-use or outdoor environments where visibility and cleanliness are crucial. Our commitment to quality ensures that touch control remains accurate and reliable under all conditions.

Shockproof, Drop-Resistant Design with IP65 Protection



Built to endure the harshest environments, our system boasts a shockproof and drop-resistant design, guaranteeing reliable performance under extreme conditions. With an IP65-rated front panel that offers robust protection against dust and water, our solution is perfectly suited for industries such as wind power, solar photovoltaics, construction, and heavy manufacturing.

High-Definition Large Screen for Optimal Visual Experience



Enjoy superior visual clarity with our high-definition display, which features a full viewing angle and supports multiple screen aspect ratios (4:3, 5:4, 16:9). With a resolution of 1920 x 1080, a backlight lifespan of 5,000 hours, and brightness options of 300-350 nits, our display ensures vibrant and clear visuals even in low-light or outdoor settings. As your trusted ODM partner, we deliver high-quality solutions designed to enhance your operational efficiency and visual experience.