

# State of the Art Industrial Panel Solution

**New**

## DM-F Industrial Monitor Series PPC-F Industrial Panel PC Series



The DM-F and PPC-F series industrial monitor and panel PC not only keep rugged design of IP65 protection but also enrich aesthetic experience by implementing the seamless mounting method. The projected capacitive touch option is added to these new series of products to provide up to 10 points multi-touch solution!



PPC-F H81 Industrial Panel PC 15"~24"

DM-F Industrial Monitor 12"~24"

## Heavy Industrial Panel Solution Market Focus

DM-F and PPC-F heavy duty monitor and panel PC dedicate to industrial panel solution, aiming at operating in harsh environment applications, long term support, and multiple device remote management solutions.

## Industrial Automation



Industrial Machinery



Control Terminal



Field Maintenance

### ■ Thinner, Lighter, Prettier

DM-F & PPC-F aim at slim and compact design; therefore, these new series make a huge improvement in mechanical design to achieve the goal.

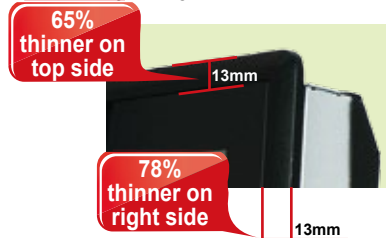


PPC-F15A-H81  
262.2 x 322.2 mm



PPC-5150A-H61  
309 x 410 mm

**VS**



### PPC-F15A-H81 VS. PPC-5150A-H61



### DM-F15A VS. DM-150G



■ 8mm Ultra Thin Bezel Design



To enhance aesthetic experience in industrial automation applications, the depth of the front bezel of the DM-F and PPC-F is only 8mm to minimize the gap between the wall and the system in wall panel mounting, which is neat and simple during integration.

■ New Panel Mount Screw Design



The DM-F & PPC-F series is shipped with the new panel mount screws allowing users to fasten either with screwdrivers or hands.

Outdoor HMI



Digital Signage



Payment Collection



Interactive Kiosk

■ Multi-touch Support

DM and PPC supports 2-points multitouch projected capacitive, enhancing smooth operations! IEI provides 12" to 17" resistive single type and projected capacitive type touchscreen options to enrich simple and intuitive user experience.



■ Impeccable Front Panel



7H Anti-scratch Touch

DM-F and PPC-F projected capacitive touch version uses 7H hardness vandal proof strengthened glass, preventing damages from physical impact.



Front Bezel IP65 Protection

Design for harsh environments, DM-F and PPC-F provides front bezel IP65 protection to resist dust and water jet.

# Intelligent Industrial Panel PC

## PPC-F Series



### IEI Remote Intelligent Management System

The PPC-F supports iEi iRIS remote management, which helps users to manage multiple devices through single management interface and elevates work efficiency. iRIS solution only requires a module and Internet connection!



iRIS solution



QNAP NAS

Complete IoT Solution!



#### Remote Power Management

Users can remotely power on/off all the iRIS devices and set up power cycle to simplify power control process.



Unify industrial automation process through a simple setting!

#### 24-hour Active Recovery

Remote troubleshooting everywhere, there is no need to send out maintenance staff anymore!



Automatic Error Alert

System sends alert by email/SMS to designated members when error happens



Video Streaming and Record

Real-time record main screen video for trouble diagnosis



Remote Troubleshooting

Maintainers can troubleshoot the error through remote KVM

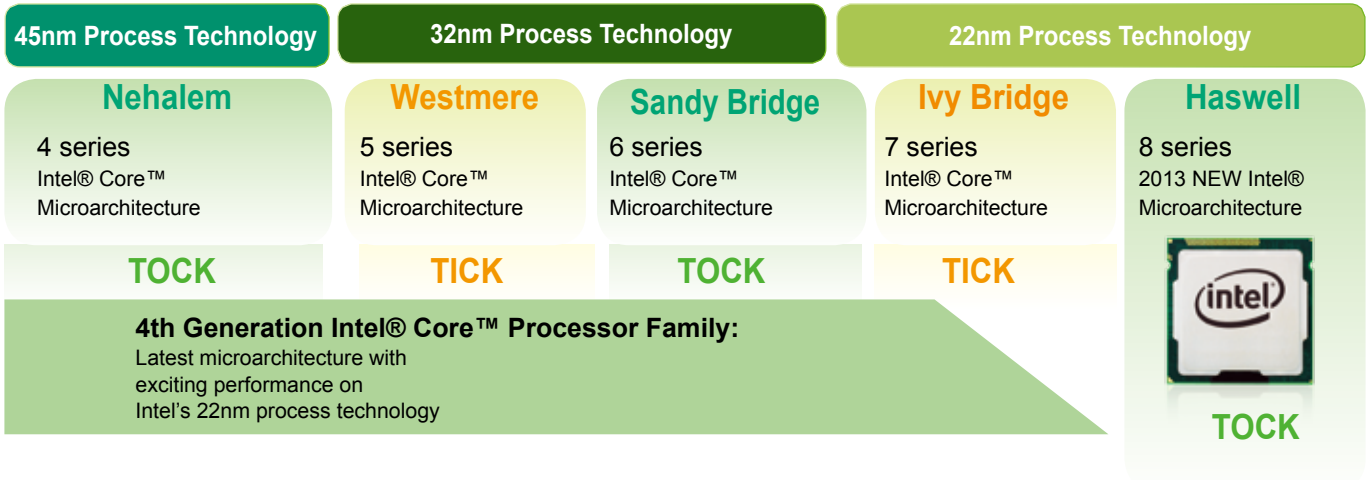
Save labor cost & improve efficiency!



Minimize downtime and improve service quality for kiosk and ticket machine applications!

# Latest Intel® Cost Effective Mainstream H81 Platform

## Platform Transition



## Major Advantage of PPC-F H81 Platform

### More Embedded CPU Choice

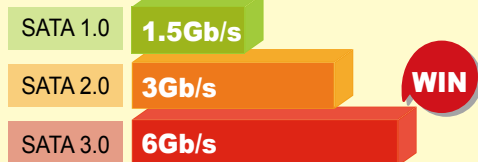
IEI selects more embedded CPUs in Haswell generation, including 35W/45W/54W/65W for the PPC-F H81 platform. It is more flexible to choose suitable CPU for different system requirements.



2.5" SATA 3.0 HDD/SSD

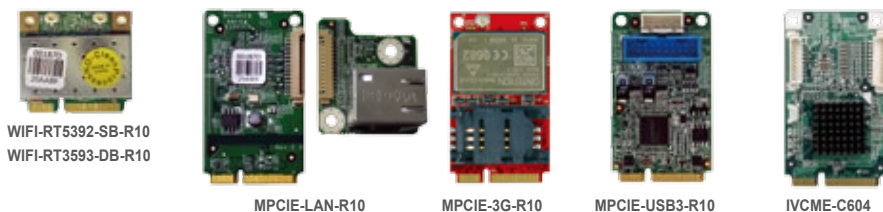
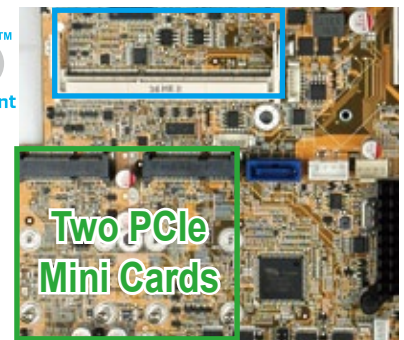
### SATA 3.0 support

The PPC-F series equips with the latest SATA 3.0 interface that supports bandwidth up to 6Gb/s which is twice faster than SATA 2.0! Both 2.5" SATA HDD and SSD can be used in the SATA 3.0 interface.



## PCIe Mini Card Expansion

Two full-size PCIe Mini card expansion slots are reserved in the PPC-F 2. With a wide variety of IEI PCIe Mini card solutions, it is flexible and easy to add extra functions on the system.



## FHD Industrial Panel PC Available

Going big is the market trend on industrial panel PC and monitor products. Thus, IEI launches new PPC-F series industrial panel PC along with DM-F monitor series. Users can enjoy high quality graphics and enriched data display at the same time from FHD panels.

