

Application Scenario: Intelligent Self-Service Lockers



ARK-2232



- Location: outdoors
- **Product:** ARK-2232 fanless embedded system
- **Background:** Intelligent self-service lockers provide online shopping and designated delivery services which are convenient for users picking up goods from across 70+ major metropolitan areas.



Window 10 IoT OS Applications

● USB Device Policy

If USB Device Policy is applied, USB storage access will be blocked when end users plug USB storage devices into the self-service locker. This feature helps to enhance the security level when the locker is placed at a public area.

● Keyboard Filter

This function can disable certain keys or key combination such as “Ctrl+Alt+Del”. In this way, end users won’t be able to access or modify the kiosk settings via the keyboard.

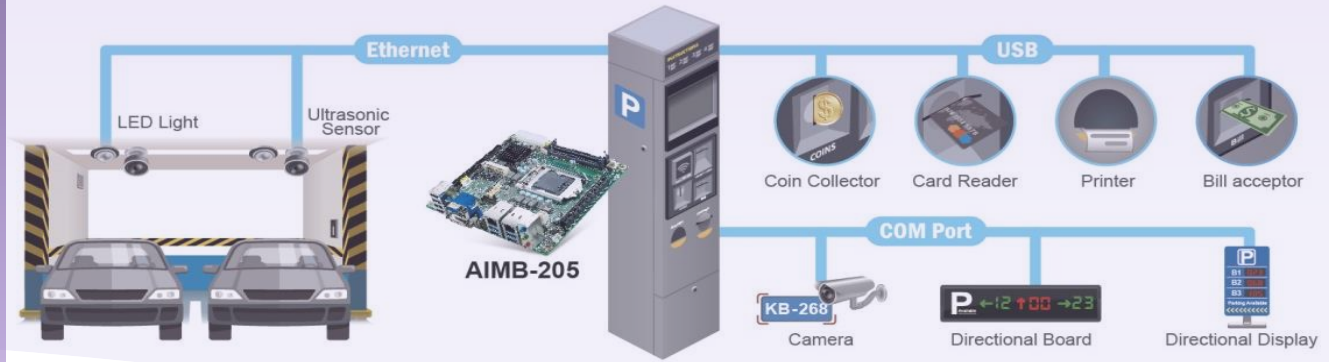
Application Scenario: Smart Parking System

AIMB-205

Windows 10



- **Location:** parking lots
- **Product:** AIMB-205 Industrial motherboard
- **Background:** Smart parking systems (SPS) assist drivers in quickly finding parking spaces. They reduce the cost of hiring parking staff while optimizing resource allocation for car park owners.



Window 10 IoT OS Applications

● Notification

Clients may turn off the pop up messages by using Windows notification settings. Without being disturbed by notification messages, end users will enjoy better user experience while operating the parking kiosk.

● Unified Write Filter

Unified Write Filter prevents physical storage media from write operation. After the clients finish all the OS setting of the parking kiosk and turn on UWF, the settings will be protected from modification by other users. In this way, the kiosk is safe when placed in public areas.

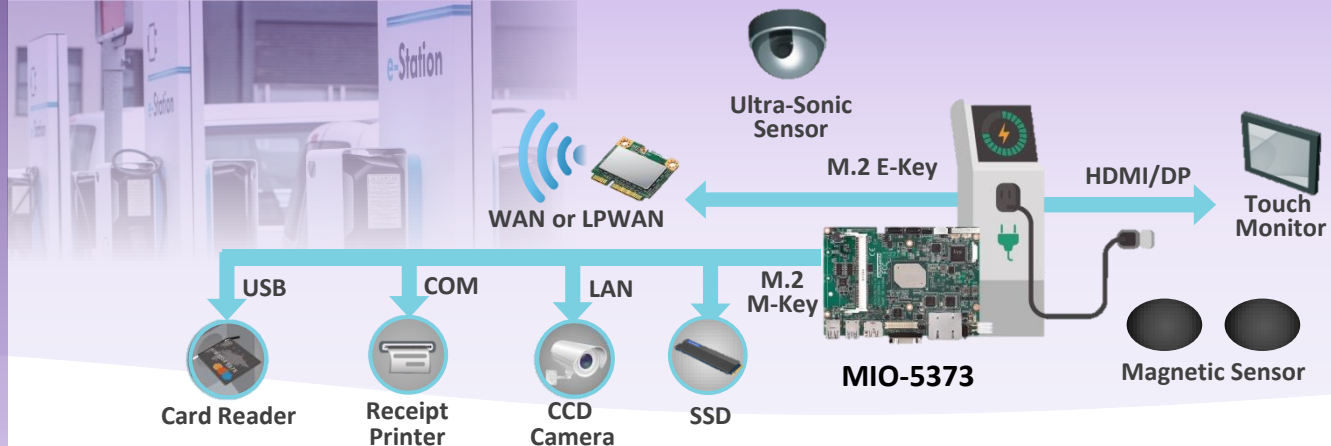
Application Scenario: Electric Vehicle Charging Systems

MIO-5373

Windows 10



- **Location:** outdoor EV charging stations
- **Product:** MIO-5373 embedded single board computer
- **Background:**
EV charging stations are mostly located outdoors, sometimes in critical environments. The manufacturer needed a reliable, certified option with a wide-temperature operating range.



Window 10 IoT OS & API Applications

● **HORM**

Hibernate Once/Resume Many (HORM) helps to quickly turn off or shut down the system and then restart into the preconfigured state, even in the event of sudden power loss. When HORM is enabled, the system always resumes and restarts from the last saved hibernation file. Customers don't have to worry when the device shuts down and is not able to revert back to the original setting status.

● **SUSI API: Thermal Protection**

The Thermal Protection function is used to set thermal monitoring and notification for hardware.