

MAS Series

# MAS1010



Windows Base, Rugged Mobile Tablet PC



- 10.1" high bright screen
- IP-65 Standard , dustproof, waterproof, shockproof
- BT4.2 ; NXP NFC(13.56M) ; Fingerprint identification
- Double frequency WIFI 802.11(a/b/g/n/ac) ; 1D/ 2D Barcode Scanner
- 10000mAh Polymer lithium removable battery
- Support High strength glass touch screen
- Support Docking charging extension
- Support air outlet
- Windows 10



Food Process



Robotics



Factory



HMI screening



Packaging

## Specification

## MAS1010

## Display

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Display type      | 10.1" IPS TFT LCD                                      |
| Resolution        | 1280 x 800                                             |
| Brightness        | 400nit                                                 |
| Touch screen type | 10 points capacitive, G+G, 7H-Anti-scratch, 1.1mm, COF |

## System

|                  |                                                                                                                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU              | Intel Cherry Trail X5-Z8350, 1.44GHz                                                                                                                                                                                              |
| GPU              | Intel HD Graphic (Gen7)                                                                                                                                                                                                           |
| RAM              | 4 GB LPDDR3                                                                                                                                                                                                                       |
| ROM              | 64 GB                                                                                                                                                                                                                             |
| Network          | 802.11 a/b/g/n/ac (2.4G/5.8G dual band WiFi)<br>Bluetooth 4.2 (BLE) class 1, transmission distance:<br>10m<br>4G                                                                                                                  |
| IO Ports         | 1 x TF slot, max:128G (SDHC/SDXC)<br>1 x SIM slot<br>1 x USB 2.0<br>1 x Micro USB 2.0 for OTG<br>1 x HDMI 1.4a Type C<br>1 x 3.5mm standard earphone jack<br>1 x DB9 (1 x RS232)<br>1 x RJ45<br>1 x DC jack<br>1 x 12pin POGO pin |
| Application      | 1D/2D Barcode Scanner (Optional)<br>NFC<br>Fingerprint (Optional)<br>GPS & Glonass                                                                                                                                                |
| Operation System | Windows 10 (Optional)                                                                                                                                                                                                             |

## Environment

|                       |                                                               |
|-----------------------|---------------------------------------------------------------|
| Camera                | Front: 2.0MP camera; Rear: 5.0MP camera                       |
| Speaker               | 1 x Embedded 8Ω/0.8W waterproof speaker (Built-in)            |
| Mic                   | Sensitivity: -42db, output resistance:2.2kΩ (Built-in)        |
| Sensor                | G-sensor                                                      |
| Power Adapter         | AC100V ~ 240V, 50Hz/60Hz, output DC 5V/3A                     |
| Battery               | 10000mAh/3.7V (Removable)                                     |
| Using time            | 8hrs (Default 50% volume, default 200nit, play 1080 HD video) |
| Rugged Feature        | IP65, 1.0m drops                                              |
| Operating Temperature | -10°C ~ 50°C                                                  |
| Storage Temperature   | -30°C ~ 70°                                                   |
| Humidity              | 95% non-condensing                                            |
| Dimensions            | 280mm x 187mm x 22mm                                          |
| Weight                | 1252g                                                         |

## Detail

