

MAS Series

MAS1220

Windows Base, Fully Rugged Notebook



- 12.2" 1920 x 1200 IPS Screen
- Intel Cherry Trail X5-Z8350
- Gorilla Glass TP
- Support High strengthened glass touch panel and wet hand touch
- 1D / 2D Barcode Scanner (Optional)
- Dual WIFI
- IP65
- Windows 10 (Optional)



Food Process



Robotics



Factory



HMI screening



Packaging

Specification

MAS1220

Display

Display type	12.2" IPS TFT LCD
Resolution	1920 x 1200
Brightness	280nit
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	128 GB
Network	802.11 a/b/g/n/ac (2.4G/5.8G dual band WiFi) Bluetooth 4.2 (BLE) class 1, transmission distance: 10m 4G
IO Ports	1 x TF slot, max:128G (SDHC/SDXC) 1 x SIM slot 2 x USB 2.0 1 x USB 3.0 1 x Micro USB 2.0 1 x HDMI 1.4a Type C 1 x 3.5mm standard earphone jack 2 x DB9 (1 x RS232, 1 x RS485) 1 x RJ45 1 x DC jack 1 x 12pin POGO pin
Application	1D/2D Barcode Scanner (Optional) NFC GPS & Gloness
Operation System	Windows 10 (Optional)

Physical

Camera	Front: 2.0MP camera; Rear: 5.0MP camera
Speaker	2 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	12600mAh /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°C
Humidity	95% non-condensing
Dimensions	313mm x 210mm x 23mm
Weight	1500g

Detail

