

# H9380P

## 4G Industrial Computer



### **Overview**

H9380P 4G Industrial Computer is a highly reliable and stable intelligent device designed with Cortex microprocessor and Android operating system. It provides running environment such as Android 7.1.2, supporting 4G full network pass real-time communication, city services and business networking application APP can run directly in the system to provide convenient interactive services for end users. Its rich peripheral interfaces and super image processing capability can be widely used in urban services and new retail areas, and can meet the needs of many industry applications such as face payment smart vending machines, smart coffee machines, smart delivery cabinets, robots , IoT fields, vehicle control, and medical classes.

### **Highlights**



**Dual core Cortex-A72 + Quad core Cortex-A53, 1.8GHz CPU**



**4K 10bit@60fps video decoding**

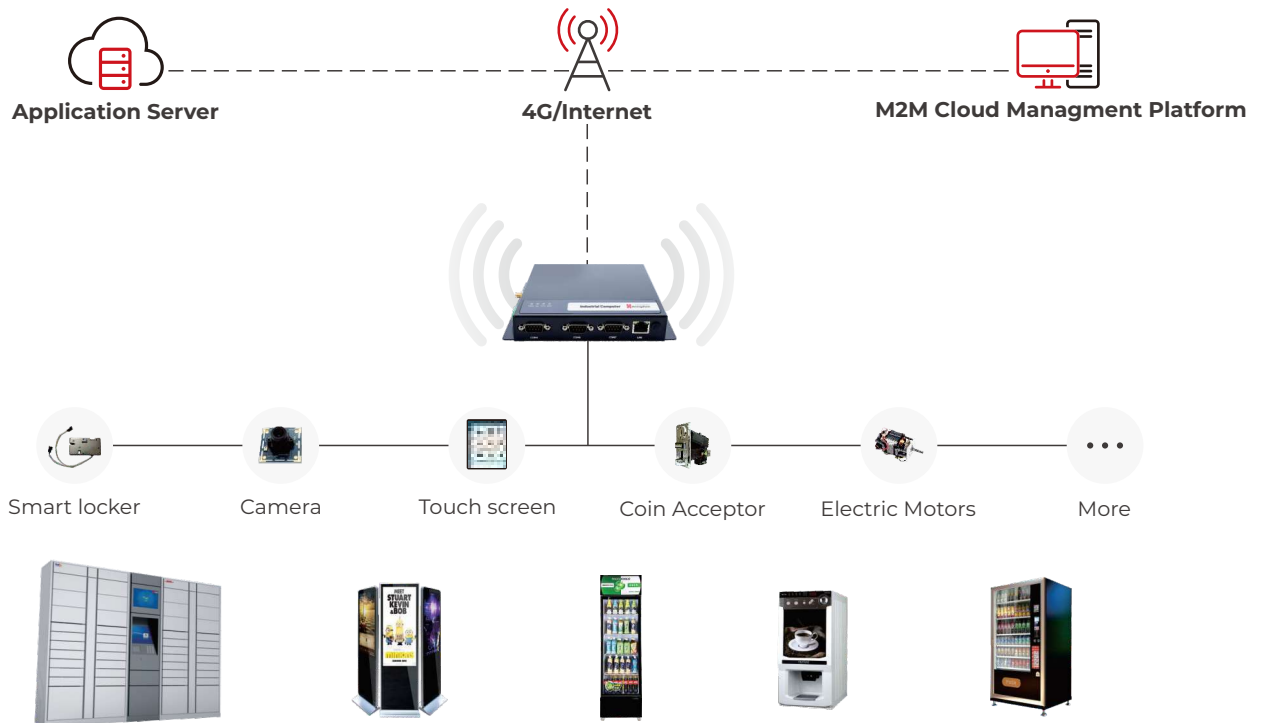


**Rich interfaces for multimedia applications**



**Android OS/ Linux**

## Topology diagram



## Features



### High-performance

Rexchip RK3399 Hexa-Core 64-bit CPU, 2G RAM, 16G ROM



### 4G Full network access

Smart dialing, LTE network always online



### Rich interfaces

Supports RS485, RS232, RJ45, USB, WiFi, TF Card, for different applications



### Android OS/Linux

Rich android market application  
Self-developed application  
\* Linux optional



### Wedora device management cloud platform

Device failure alarm, improve device online rate  
Device remote management and maintenance

## Specification

Hardware			
CPU	Dual core Cortex-A72 + Quad core Cortex-A53, 1.8GHz		
Memory	2GB	Storage	16GB
Cellular Interface			
Modem	1 × LTE Cat4	Number of Antennas	1
SIM	1 × Mini SIM (2FF)		
Peripheral Interface			
Serial	3 × RS-232 (1 RS232 port can be configured as a RS485 port), DB9 male connector 1 × RS-485 serial port, 3-pin 3.5 mm female socket		
Ethernet	1 × 10/100/1000 Mbps, Gigabit Ethernet	USB	USB 2.0 × 4, USB 3.0 × 2, OTG × 1
Display	HDMI 2.0 × 1		
Software			
Operating System	Android 7.1.2/Linux		
Video code	H.265/H.264/VP9 4K@60fpsHD video decoding		
Image processing	BMP, JPG, PNG, GIF		
Power Supply and Consumption			
Connector	4 pin aviation connector	Voltage Input	12V DC
Power Consumption	Less than 10W (only system)		
Others			
Reset Button	Yes	Hardware Watchdog	Yes
LED Indicators	4 indicators for PWR, SYS, 4G, WiFi		
Physical Characteristics			
Ingress Protection	IP30	Housing	Metal
Dimension	170×150×27mm	Installations	Wall-mounting
Operating Temperature	-20 ~ +70 °C	Storage Temperature	-40 ~ +85 °C
Relative Humidity	5 ~ 95%		

## Appearance










## Ordering info

Model	4G Modem	WLAN	RJ45	RS232/485	USB	Regions
H9380P-EU	LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B38/B40/B41 UMTS/HSDPA/HSUPA/HSPA+: B1/B5/B8 GSM/GPRS/EDGE: 900/1800MHz	802.11b/g/n, 150Mbps	1×100/1000 Mbps	3×RS-232+1×RS-485	4×USB 2.0, 2×USB 3.0, 1×OTG	Europe, Asia, Africa
H9380P-AFX	LTE-FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5	802.11b/g/n, 150Mbps	1×100/1000 Mbps	3×RS-232+1×RS-485	4×USB 2.0, 2×USB 3.0, 1×OTG	North America
H9380P-AUX	LTE-FDD: B1/B2 <sup>®</sup> /B3/B4/B5/B7/B8/B12/B13/B14/B66/B71 LTE-TDD: B40 WCDMA: B2/B3/B5/B8	802.11b/g/n, 150Mbps	1×100/1000 Mbps	3×RS-232+1×RS-485	4×USB 2.0, 2×USB 3.0, 1×OTG	South America, Australia, Africa
H9380P-JP	LTE-FDD: B1/B3/B8/B18/B19/B26	802.11b/g/n, 150Mbps	1×100/1000 Mbps	3×RS-232+1×RS-485	4×USB 2.0, 2×USB 3.0, 1×OTG	Japan

## Packing list

 <p>H9380P 4G Industrial Computer</p>	 <p>Packing Box</p>	 <p>4G Universal Antenna</p>
	 <p>12V/2A Power Adapter</p>	 <p>RJ45 Cable</p>