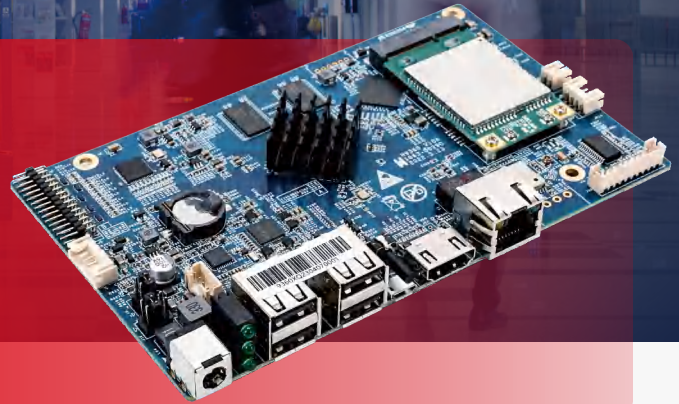


# H9360-E

## Embedded Computer



### **Overview**

H9360-E Embedded Computer adopts high-performance processor and Android operating system to design high reliability and high stability intelligent industrial control equipment. It provides Android 11 and other operating environments, supports 4G full Netcom real-time communication, and the city service and commercial networking APPs can directly run in the industrial computer system to provide end-users with convenient interactive services. Its rich peripheral interfaces and super image processing capabilities can be widely used in urban services and new retail fields.

### **Highlights**



**Dual core ARM Cortex-A72+ Dual core ARM Cortex-A53 @2.0GHz**



**2GB DDR + 8G EMMC**

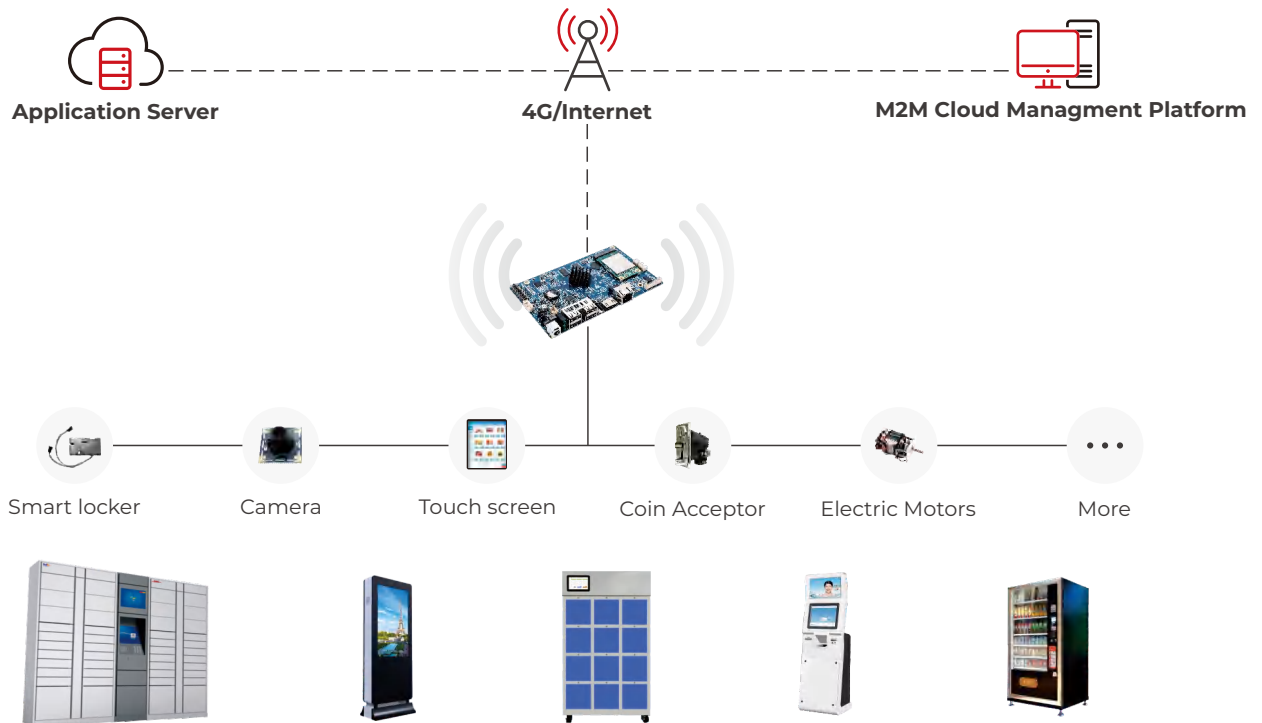


**Rich interfaces for multimedia applications**



**Android 11/Linux**

## Topology diagram



## Features



### AI-Chipset

Rexchip RK3568 Quad-core A55 64-bit CPU, 0.8TOPS Computing Power NPU



### 4G High-speed networks

Smart dialing, Supports 4G/5G automatic dialing and APN adaptive dialing



### Rich interfaces

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



### Android OS/Linux

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



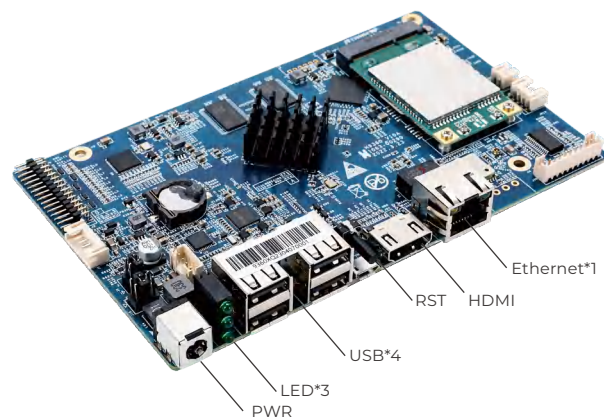
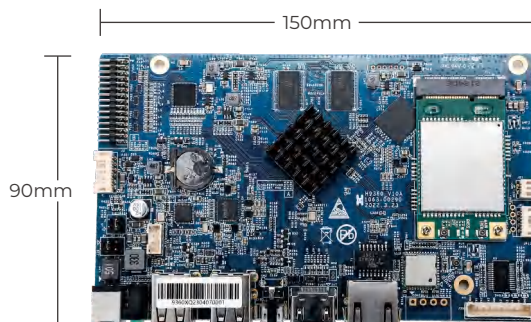
### Wedora device management cloud platform

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

# Specification

<b>Hardware</b>			
<b>CPU</b>	Dual core ARM Cortex-A72+Dual core ARM Cortex-A53 @2.0GHz		
<b>NPU</b>	0.8TOPS		
<b>Memory</b>	2GB	<b>Storage</b>	8GB
<b>Cellular Interface</b>			
<b>Modem</b>	1 × LTE Cat4	<b>Number of Antennas</b>	1
<b>SIM</b>	1 × Mini SIM (2FF)		
<b>Wireless Interface</b>			
<b>Standards</b>	802.11b/g/n, AP or station modes	<b>Frequency Bands</b>	2.4 GHz
<b>Speed</b>	150Mbps	<b>Antennas</b>	1
<b>Peripheral Interface</b>			
<b>Serial</b>	2 × RS-232 + 2 × RS-485 serial port, 10-pin 2 mm female socket		
<b>Ethernet</b>	1 × 10/100 Mbps, Ethernet	<b>USB</b>	USB 2.0 × 5, OTG × 1
<b>Display</b>	HDMI 2.0 × 1, LVDS × 1, MIPI × 1		
<b>Software</b>			
<b>Operating System</b>	Android 11/Linux		
<b>Video code</b>	H.265/H.264/VP9 4K@60fpsHD video decoding, H.265/H.264/VP9 1080P@100fpsHD video decoding		
<b>Image processing</b>	BMP, JPG, PNG, GIF		
<b>Power Supply and Consumption</b>			
<b>Connector</b>	DC socket	<b>Voltage Input</b>	12V DC
<b>Power Consumption</b>	Less than 10W (only system)		
<b>Others</b>			
<b>Reset Button</b>	Yes	<b>Hardware Watchdog</b>	Yes
<b>LED Indicators</b>	3 indicators for PWR, SYS, 4G		
<b>Physical Characteristics</b>			
<b>Dimension</b>	150×92.0mm	<b>Installations</b>	Wall-mounting
<b>Operating Temperature</b>	-20 ~ +70 °C	<b>Storage Temperature</b>	-40 ~ +85 °C
<b>Relative Humidity</b>	5 ~ 95%		

# Appearance



## Ordering info

Model	4G Modem	WLAN	RJ45	RS232/485	USB	Regions
H9360-E-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	1×10/100 Mbps	2×RS-232+2×RS-485	5×USB 2.0, 1×OTG	Europe, Asia, Africa
H9360-E-AFX	LTE-FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5	802.11b/g/n, 150Mbps	1×10/100 Mbps	2×RS-232+2×RS-485	5×USB 2.0, 1×OTG	North America
H9360-E-AUX	LTE-FDD: B1/B2 <sup>9</sup> /B3/B4/B5/B7/B8/B28 LTE-TDD: B40 WCDMA: B2/B3/B5/B8	802.11b/g/n, 150Mbps	1×10/100 Mbps	2×RS-232+2×RS-485	5×USB 2.0, 1×OTG	South America, Australia, Africa
H9360-E-JP	LTE-FDD: B1/B3/B8/B18/B19/B26	802.11b/g/n, 150Mbps	1×10/100 Mbps	2×RS-232+2×RS-485	5×USB 2.0, 1×OTG	Japan

## Packing list



Packing Box



H9360-E Embedded Computer



4G Suction Cup Antenna



12V/3A Power Adapter



RJ45 Cable