

H9380P

4G Industrial Computer



Overview

H9380P Android IPC embedded computer is a highly reliable and stable intelligent IPC device designed with Cortex microprocessor and Android operating system. It provides running environment such as Android 7.1.2, supports 4G full network pass real-time communication, city services and business networking application APP can run directly in the IPC 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



Rk3399 High-performance chipset



4K 10bit@60fps video decoding

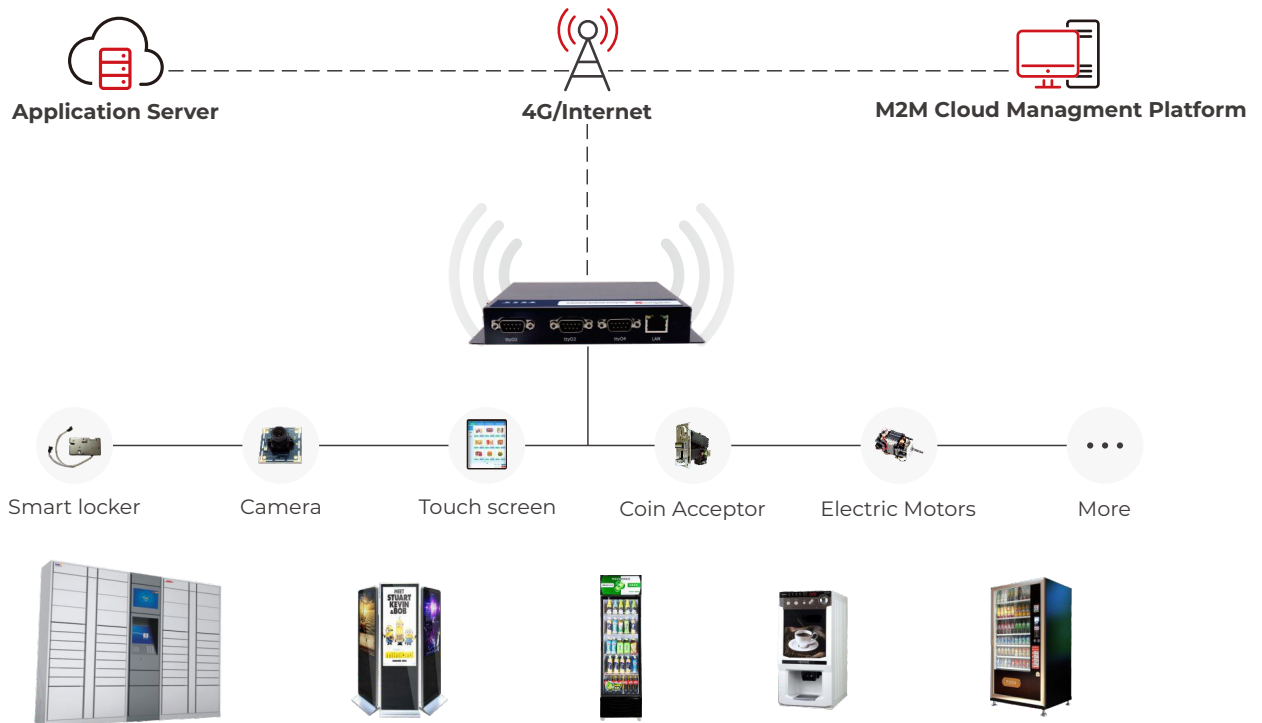


Rich interfaces



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



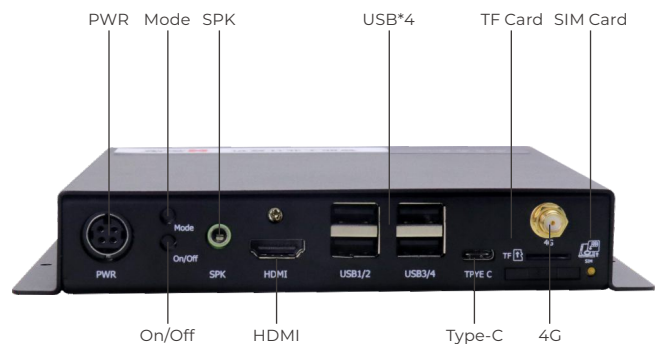
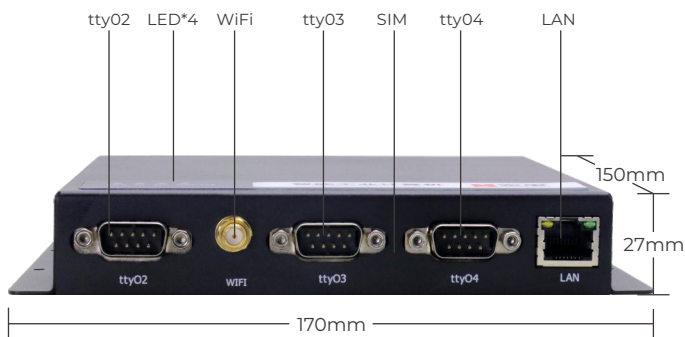
Wedora device management cloud platform

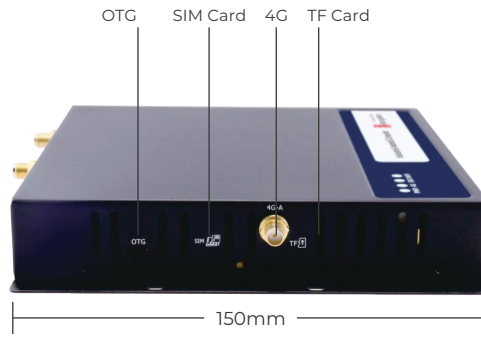
Device failure alarm, improve device online rate
Device remote management and maintenance

Specification

| Hardware | | | |
|------------------------------|---|---------------------|-----------------------------------|
| CPU | Rk3399, highest frequency: 1.8GHz, 64 bits | | |
| Memory | 2GB | Storage | 16GB |
| Cellular Interface | | | |
| Modem | 1 × LTE Cat4 | Number of Antennas | 1 MAIN |
| 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 socket | 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% RH | | |

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 [®] /B3/B4/B5/B7/B8/ 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> |