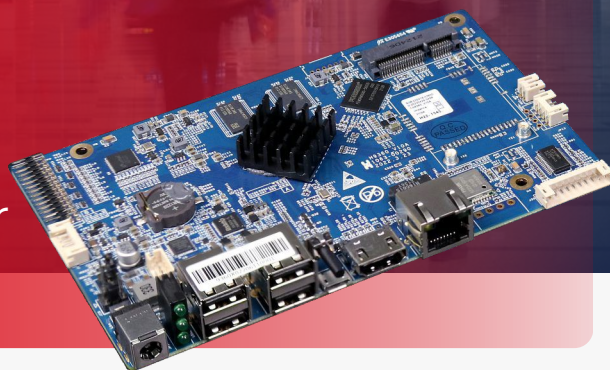


H9360

Embedded Industrial Computer



Overview

H9360 Embedded industrial computer adopts RK3568 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 application APP 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, and can meet the needs of smart food pickup cabinets, smart coffee machines, face payment smart vending machines, smart express cabinets, robots, and the Internet of Things. Vehicle control, medical and other industry application needs.

Highlights



Rk3568 AI chipset



Android 11 system



Rich interfaces



Small motherboard

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



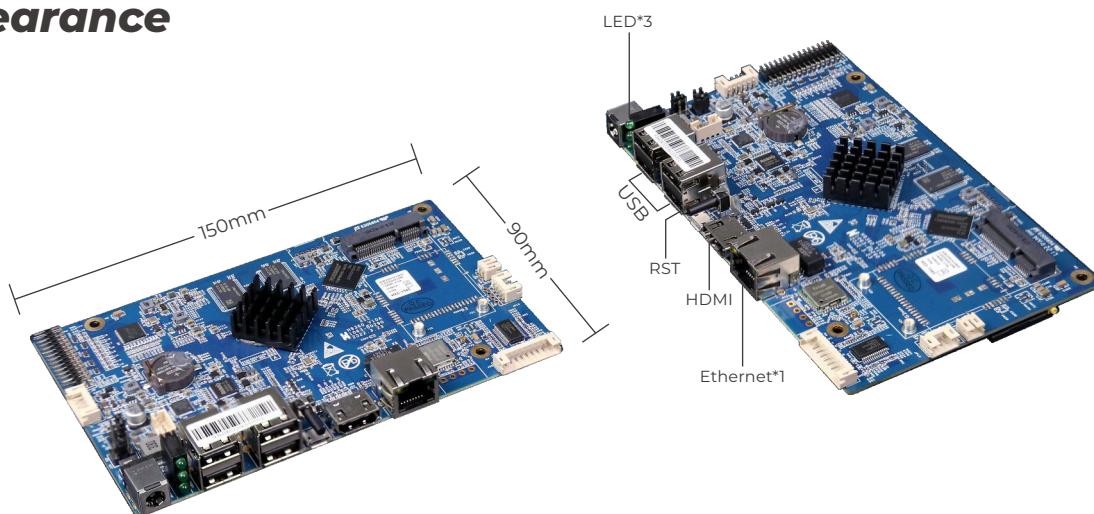
Wedora device management cloud platform

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

Specification

Hardware			
CPU	Rk3568, highest frequency: 2.0GHz; 64 bits	NPU	0.8TOPS
Memory	2GB	Storage	8GB
Cellular Interface			
Modem	1 × LTE Cat4	Number of Antennas	1 MAIN
SIM	1 × Mini SIM (2FF)		
Wireless Interface			
Standards	802.11b/g/n, AP or station modes	Frequency Bands	2.4 GHz
Speed	150Mbps	Antennas	1
Peripheral Interface			
Serial	2 × RS-232 + 2 × RS-485 serial port, 10-pin 2 mm female socket		
Ethernet	1 × 10/100 Mbps, Ethernet	USB	USB 2.0 × 5, OTG × 1
Display	HDMI 2.0 × 1, LVDS × 1, MIPI × 1		
Software			
Operating System	Android 11/Linux		
Video code	H.265/H.264/VP9 4K@60fpsHD video decoding, H.265/H.264/VP9 1080P@100fpsHD video decoding		
Image processing	BMP, JPG, PNG, GIF		
Power Supply and Consumption			
Connector	DC socket	Voltage Input	12V DC
Power Consumption	Less than 10W (only system)		
Others			
Reset Button	Yes	Hardware Watchdog	Yes
LED Indicators	3 indicators for PWR, SYS, 4G		
Physical Characteristics			
Dimension	150×92.0mm	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
H9360-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-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-AUX	LTE-FDD: B1/B2 [®] /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-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 Embedded Industrial Computer	4G Suction Cup Antenna
		
12V/3A Power Adapter	RJ45 Cable	