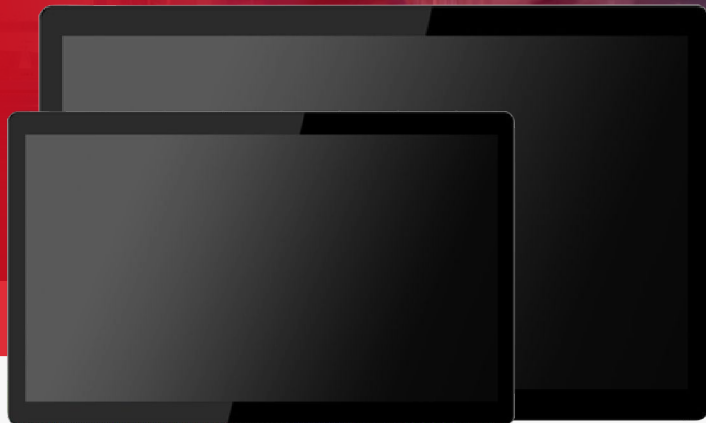


Q6101/Q6133

4G Android Panel PC



Overview

Q6101/Q6133 10.1/13.3 inch touch & display industrial all-in-one machine with high performance processor RK3568 and Android 11 OS, is a highly stable intelligent industrial control device. The device support 3G/4G Cellular network. The city service and commercial APP can be directly run in the Android OS to provide convenient interactive services for end users. There are rich peripheral interfaces and strong image process can be widely used in city services and new retail fields, the device can meet the needs of IoT fields, such as food-pickup lockers, coffee machines, face payment vending machines, express lockers, robots, vehicle control, medical and other industry application needs.

Highlights



RK3568 AI chipset



Android 11 system

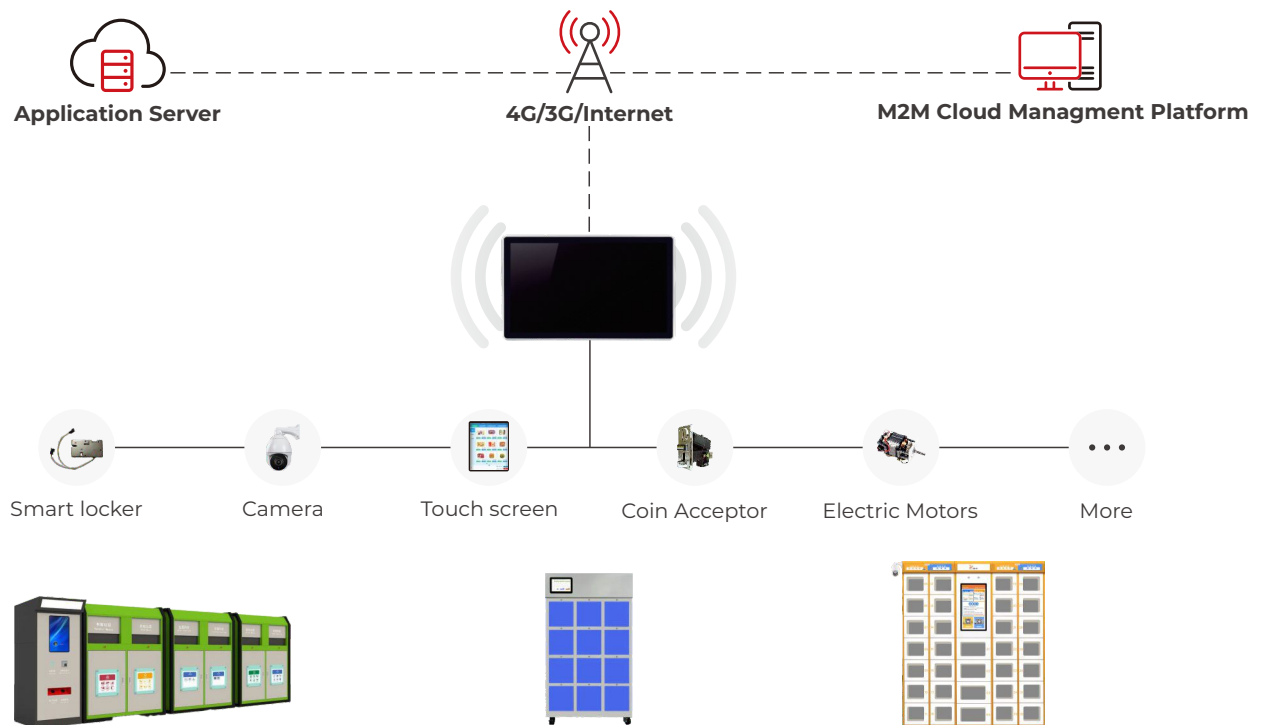


10.1/13.3 inch touch screen



Industrial design

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



10.1/13.3 inch touch screen

HD/FHD LCD display, multi-touch



Android OS

Rich android market application
Self-developed application



Wedora device management cloud platform

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

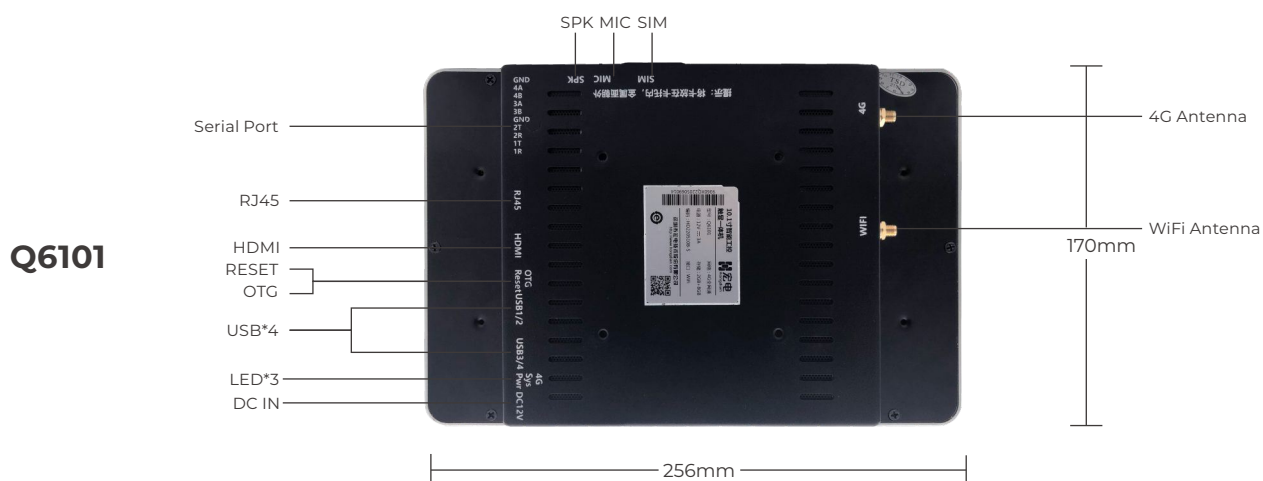
Specification

Hardware		Q6101	Q6133
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	2 × RS-232, DB9 male connector	
Ethernet	1 × 10/100 Mbps, Ethernet		
USB	USB 2.0 × 4, OTG × 1		
Display	HDMI 2.0 × 1		
Display Performance			
Liquid Crystal	LED Display Screen		
Screen Size	10.1 inch	13.3 inch	
Resolution	1280 × 800	1920 × 1080	
Brightness	250cd/m2		
Contact Performance			
Transmittance	≥85%		
Glass Material	Tempering glass		
Max Touch Points	Simultaneous 10-Point Touch		
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 15W (only system)	Less than 18W (only system)	
Others			
Reset Button	Yes		
LED Indicators	3 indicators for PWR, SYS, 4G		
Hardware Watchdog	Yes		

Specification

Physical Characteristics	Q6101	Q6133
Ingress Protection	IP30	
Housing	Metal	
Dimension	256×170×36.3 mm	325.2×196.8×39.4mm
Installations	Wall-mounting	
Operating Temperature	0 ~ +50 °C	
Storage Temperature	-20 ~ +70 °C	
Relative Humidity	5 ~ 95% RH	

Appearance



Ordering info

Model	4G Modem	WLAN	RJ45	RS232/485	USB	Regions
Q6101-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	4×USB 2.0, 1×OTG	Europe, Asia, Africa
Q6101-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	4×USB 2.0, 1×OTG	North America
Q6101-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	4×USB 2.0, 1×OTG	South America, Australia, Africa
Q6101-JP	LTE-FDD: B1/B3/B8/B18/B19/B26	802.11b/g/n, 150Mbps	1×10/100 Mbps	2×RS-232+2×RS-485	4×USB 2.0, 1×OTG	Japan
Q6133-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	4×USB 2.0, 1×OTG	Europe, Asia, Africa
Q6133-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	4×USB 2.0, 1×OTG	North America
Q6133-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	4×USB 2.0, 1×OTG	South America, Australia, Africa
Q6133-JP	LTE-FDD: B1/B3/B8/B18/B19/B26	802.11b/g/n, 150Mbps	1×10/100 Mbps	2×RS-232	4×USB 2.0, 1×OTG	Japan

Packing list

 Q6101 / Q6133	 Packing Box	 4G/Wi-Fi Vehicle Antenna
	 12V/3A Power Adapter	 RJ45 Cable