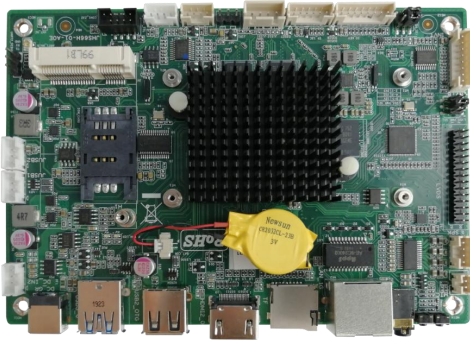


ARM

HDMI

eMMC



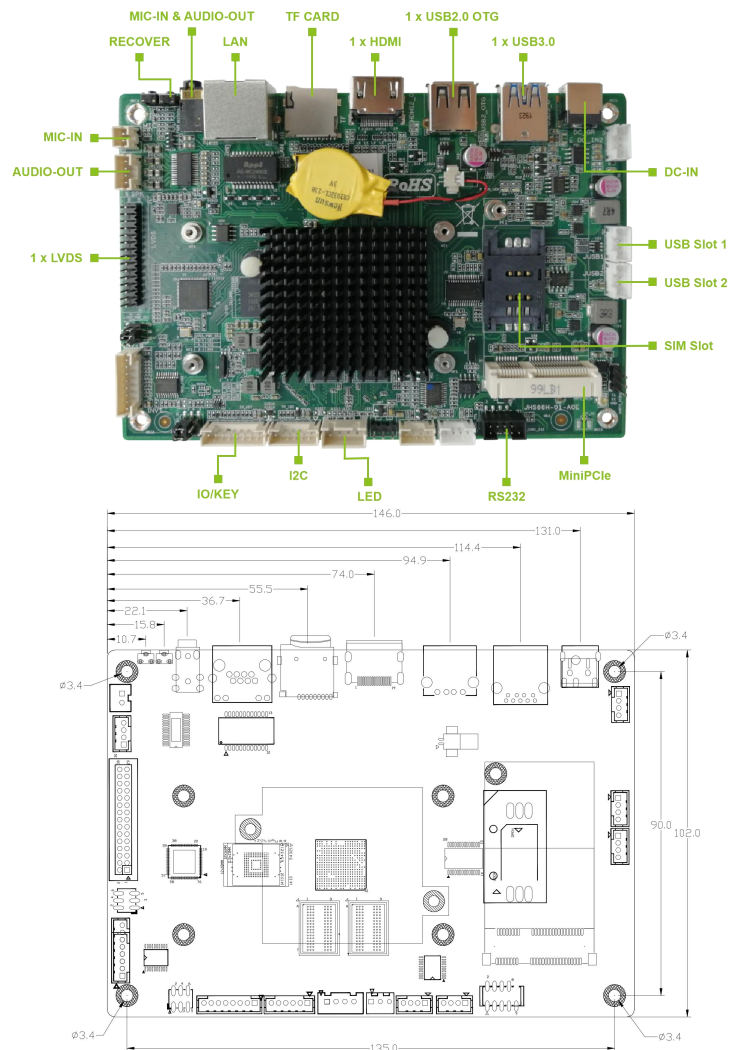
Features

- RK3328 Quad Core Cortex-A53
- Onboard DDR3L-1333MHz 2GB
- 1 x LVDS (or 1 x HDMI)
- Onboard eMMC 16GB, up to 64GB
- 1 x USB 3.0, 2 x USB 2.0, 1 x USB (OTG), 1 x RJ45
- 1 x SIM Slot, 1 x TF Slot

Specifications

Processor	CPU	RK3328 Quad Core-A53	
	Chipset	SOC	
Memory	Type	DDR3L-1333MHz	
	Socket	Onboard	
Graphics	Size	2GB	
	GPU	Mali -450MP2	
	Graphic Engine	4K H.264/H.265 Video decoder, 1080P Video encoder/1080P 60fps Video decoder	
	Interface Type	1 x LVDS (Optional: 1 x HDMI)	
Network	Controller	1 x Realtek RTL8211E	
	Interface Type	1 x RJ45	
Rear I/O	USB	1 x USB 3.0, 1 x USB (OTG)	
	TF Card	1 x TF Card	
	Audio	1 x 2-in-1 Headset (AUDIO-OUT & MIC-IN)	
Internal I/O	USB	2 x USB 2.0 Slot	
	LVDS	1 x LVDS 30pin	
	Mini-PCle	1 x Full-size Mini-PCle for 3G/4G	
	Audio Slot	1 x AUDIO-OUT, 1 x MIC-IN	
	TTL Slot	1 x TTL	
	COM	1 x RS232	
	IO/KEY	1 x IO/KEY	
	TP	1 x TP	
	Debug	1 x Debug	
	SIM	1 x SIM Slot Onboard	
	WiFi/BT module	1 x WiFi/BT on board (Support 2.4GHz/5GHz)	
	JAHC	WatchDog Timer	0~255 Second Time Out Support
		Auto Power On	Power Activated Automatically Start
RTC		Set Up Independently Every day, Week as Cycle	
Remote Control		Support	
Storage	eMMC	Onboard 16GB, up to 64GB	
PCB	Dimensions (W x D)	146mm x 102mm (5.75" x 4.02")	
Power	Power Requirement	DC 12V/2A	
System	Operation System	Android 7.1	
Environment	Storage Temperature	-40°C ~ 85°C (-40°F ~ 167°F)	
	Operating Temperature	0°C ~ 60°C (32°F ~ 140°F) at 0.7m/s Air Flow	

Dimensions and Drawing



Ordering Information

Part Number	Description
IBC-381	CPU: RK3328 Quad Core-A53 Memory: Onboard, DDR3L-1333MHz, 2GB Storage: Onboard, eMMC, 16GB