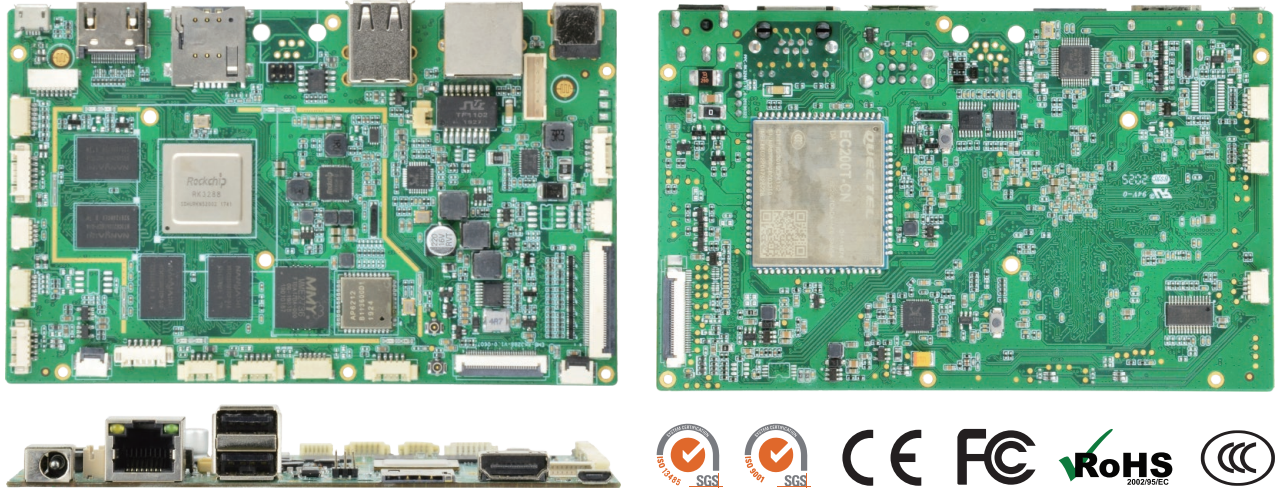




Wechat & NFC Payment Terminal Embedded Motherboard based on Rockchip RK3288 CPU



Specification:

Main Control Chip	Rockchip RK3288
Processor	4 x Cortex-A17, up to 1.8GHz
Memory	2GB DDR3
Storage	16GB eMMC
4G Module	Built-in onboard 4G module
WIFI & BT	Built-in onboard WIFI & BT module
DC Jack	1 x DC12V-2A, DC-005/5.5 x 2.1mm DC jack
LAN	1 x 10/100Mbps RJ45 Slot
USB2.0	2 x USB 2.0 Type-A Slot
POS System Interface	1 x RS232 RJ11 Slot
SIM Card Slot	1 x Micro SIM Card Slot
HDMI Output	1 x HDMI OUT Type-A Slot
USB OTG	1 x USB OTG MicroUSB Slot
Internal Interfaces	4 x GPIO Input or Output, voltage threshold 3.3V
	3 x LED Output Control, voltage threshold 3.3V
	1 x QR Code/Scanner Interface, 1 x RS232 + 1 x USB2.0 Host
	1 x L&R SPK, supports 8Ω 2W
	1 x Button Interface, Sound Volume+/Sound Volume-/Power Switch/Reset + Recovery Button
	4 x USB2.0 Host, supports USB Interface AI Camera/Temperature/HID Peripherals
	1 x PSAM
	1 x Mic Input, supports 1-lane Mic + 1-lane Digital Mic
	1 x Ambient Light Sensor Interface
	1 x 4-Lane MIPI DSI Display Interface
	1 x Touch Panel I2C Interface
	1 x 24bit RGB Interface, LVDS multiplexing this interface
	1 x NFC Card Reader UART TTL3.3V Interface
2 x Onboard GPIO	
1 x eDP Display Output, 2-Lane(default), up to 4-Lane	
Support dual independent display	
System	Android 7.1.2

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinners and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

