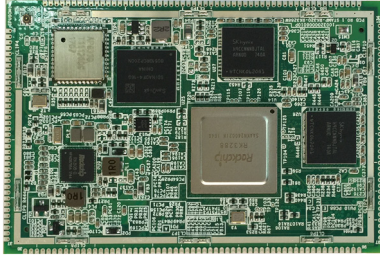


Stamp 1

Rockchip® RK3288W Quad-Core ARM Processor CPU Module



Features

- Onboard Rockchip® RK3288W quad-core ARM processor
- Onboard eMMC 8GB, optional 16GB
- WLAN 802.11 a/b/g/n and Bluetooth 4.0+BLE
- Compact size: 84 x 56 mm
- Rich I/O with I2C, I2S, GPIO and SDIO

System

CPU	Soldered onboard Rockchip® RK3288W Quad-Core ARM Cortex-A17, up to 1.8GHz
Memory	Soldered onboard 4GB LPDDR3 SDRAM
Storage	Soldered onboard eMMC 8GB, optional 16GB
WLAN & Bluetooth	WLAN 802.11 a/b/g/n, Bluetooth 4.0+BLE

I/O

Display (by F/W control)	1 x HDMI
	1 x LVDS
	1 x eDP
	1 x MIPI
Serial Port	2 x UART
USB	2 x USB 2.0 ports
	1 x USB OTG
Other I/O	4 x I2C
	1 x I2S
	1 x GPIO
	1 x SDIO
Ethernet	1 x RGMII Interface (supports 10/100/1000M)

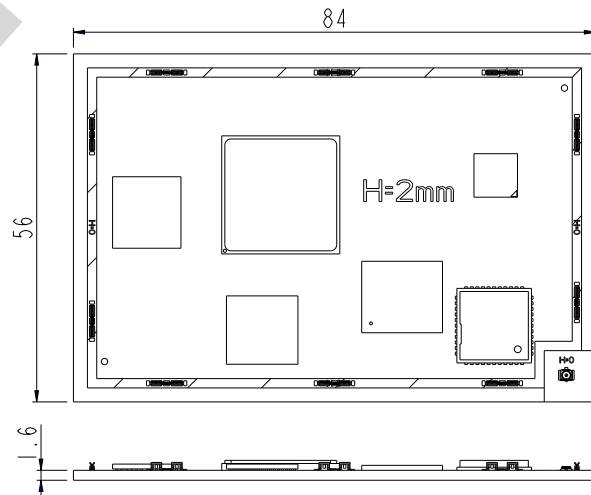
OS support

Android 7.1, Linux

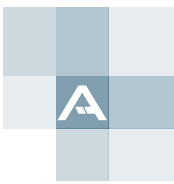
Mechanical & Environmental

Power Requirement	DC +5V
Operating Temp.	0 ~ 45°C (32 ~ 113°F)
Operating Humidity	10 ~ 80% @ 45°C (non-condensing)
Dimensions (L x W)	84 x 56 mm (3.31" x 2.20")

Dimensions



Unit: mm



Block Diagram

