



(This are draft photos for reference)
(We will use TH30-RK3288 Motherboard with similar design as above)

Specification

System	Processor	ARM Rockchip RK3288, Quad-Core Cortex-A17, up to 1.8 GHz CPU
	Chipset	Integrated
	System Memory	Dual Channel DDR3L-1333, 1/2/4 GB, on board (Default is 2GB)
	Storage Device	1 x eMMC 8/16/32/64/128G, 1 x TF Card slot (Default is 8GB eMMC)
	GPIO	4x programmable GPIO (Optional)

LCD Touch Panel	LCD Size	7"
	Brightness	300 nits
	Resolution	1024 x 600
	Touch Screen	PCAP Touch or Resistive Touch (Optional)

Expansion		1 x IR, 1 x I2C, 1 x MIPI CSI Camera, 1 x Upgrade button, Support RTC, Temperature Sensor
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External I/O Ports	USB	4x USB 2.0
	Serial Port	2x RS-232
	LAN	1x LAN
	Display	-

Audio	Internal Speaker	Speaker Header x1 (Optional)
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Power	Power Supply Connector	DCIN Input : 12V Power adapter
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Environment	Ventilation	Fanless
	Dust & Water Proof	Metal housing
	Operating Temperature	-20°C ~ 60°C
	Storage Temperature	-30°C ~ 80°C
	Humidity	5% ~ 95% RH non-condensing

Dimensions (WxDxH)	206.56 x 142.81 x 45 mm (with Bracket), 182.56 x 118.81 x 45 mm (w/o Bracket)
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Weight	TBD
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Mounting	Open Frame
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OS Supported	Android 7.1/8.1/9.0, Linux
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