



Features

- RockChip RK3568 Cortex-A55, Quad Core up to 2.0GHz
- 2GB RAM
- 32GB eMMC
- 10.1" Panel and 10.1" PCAP Touch
- 2MP Camera with Digital Microphone
- 10/100/1000 Ethernet
- M.2 B-Key(3042) connector socket support SSD
- 802.11 a/b/g/n/ac Wireless LAN
- DC 12~24V Input
- OS Image support Android 11 / Debian 10 (coming soon)
- Power adapter / Power cord



Rockchip
RK3568



2GB DDR4
RAM
on board



32GB eMMC



PCAP



CE/FCC
Class B

Specifications

System Information

Processor	Rockchip RK3568
System Memory	2GB LPDDR4
Other	1 x 2.0M Camera built in, 1 x Microphone built in 2 x 2W Speaker built in

Storage

Storage	32GB eMMC
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Display

Graphic Chipset	Rockchip RK3568 Quad-core Cortex-A55 2.0GHz
Spec. & Resolution	LVDS: Max. resolution 1280 x 800 @ 60Hz HDMI: Max. resolution 1920 x 1080 @ 60Hz

Power Requirement

DC Input	DC 12~24V
DC Input Connector	DC Jack

Software Support

OS	Android 11 / Debian 10 (coming soon)
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Certification

Certification Information	CE/FCC Class B / The front panel meet IP65
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Specification

Dimension	261 x 175 x 34 mm
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Panel

LCD Size	10.1"
LCD Panel	TFT
Display Type	SXGA
Resolution	1280x800
Pixel Pitch	0.1695 (H) x 0.1695 (V) mm
Luminance	350 cd/m2
Contrast Ratio	800
Viewing Angle	85 (U), 85 (D), 85 (L), 85 (R)
Response Time	30ms
Backlight	LED
Touch Type	PCAP
Touch Light Transmission	86%

External I/O

USB	1 x DC Jack 1 x Headphone Jack 1 x HDMI 2.0 Out 1 x Reset 2 x USB 3.0 Type A 1 x Wi-Fi 802.11a/b/g/n/ac 1 x Speaker 1 x 2.0MP Camera
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Video Port	1 x HDMI
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Audio Port	1 x Line out
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Wireless LAN	WiFi 802.11 b/g/n/ac module built in
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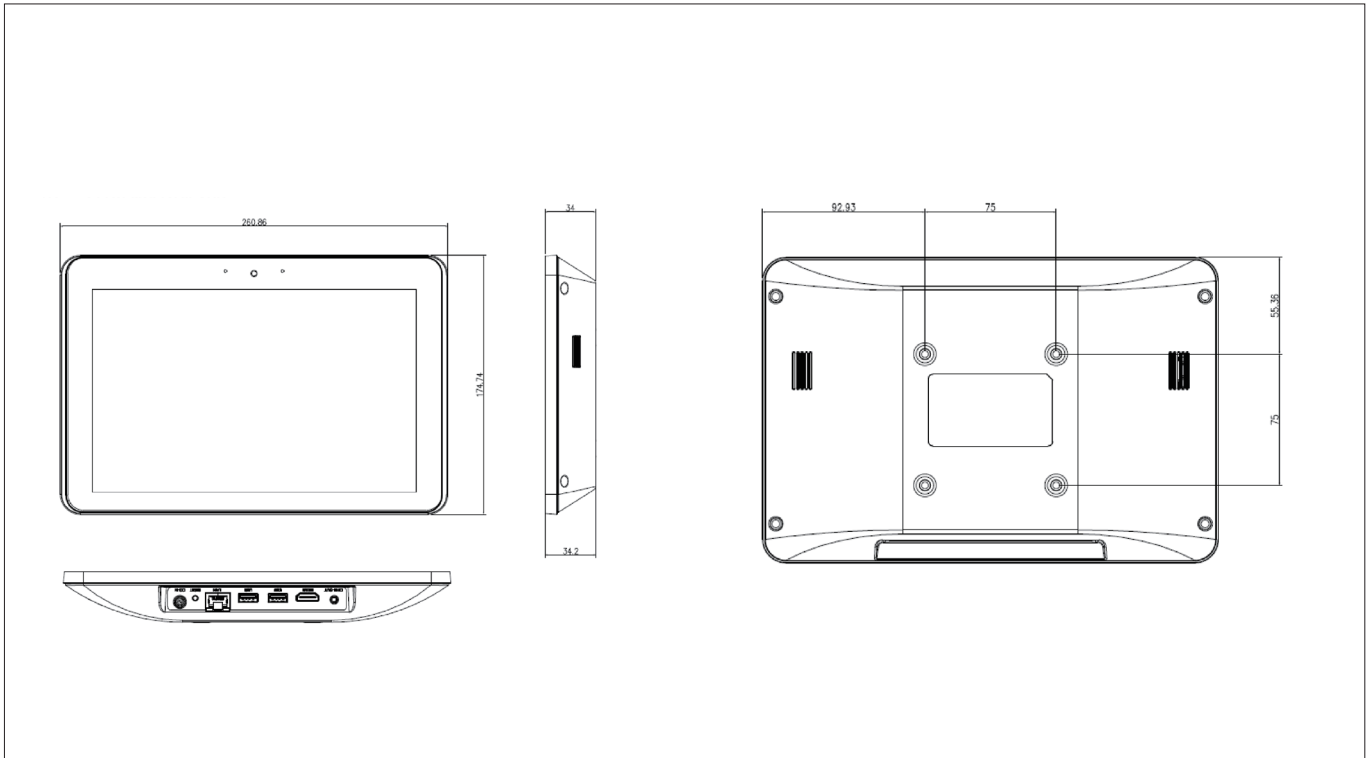
Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Weight	0.8 Kg
Power Requirement	DC 12~24V
Power Mode	AT mode
System Fan	Fanless
Construction - Front	Plastic
Construction - Rear	Plastic

Component

Adapter	Input: 100~240 Vac/50~60 Hz Output: 50W Adapter
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Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Panel Size	Resolution	Brightness	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.	OS Support
CCD-10WR2-CV39C-1R	PCAP	RockChip RK3568	2G DDR4	32GB Emmc	10.1"	1280x800	350	0/2/1	HDMI	19V	0°C ~ 40°C	Android 11
CCD-10WR2-CV37C-1R	PCAP	RockChip RK3568	2G DDR4	32GB Emmc	10.1"	1280x800	350	0/2/1	HDMI	19V	0°C ~ 40°C	Debian 11

Packing List

Item	P/N	Quantity
CCD-10WR2 Panel PC	CCD-10WR2-CV39C-1R	1
Power adapter	ACC-ADP-060N-08R	1
Power cord	E1702031833R	1

I/O Overview

