



## Features

- RockChip RK3568
- 2GB DDR4
- 32GB eMMC
- CE, FCC Class B



RockChip  
RK3568



2GB RAM



32GB eMMC



PCAP Touch



Android 11/  
Debian 10

## Specifications

### System Information

Processor	Rockchip RK3568
System Memory	2GB DDR4

### Storage

Storage	32GB eMMC
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### Display

Graphic Chipset	Rockchip RK3568 Quad-core Cortex-A55 2.0GHz
Spec. & Resolution	LCD: Max. resolution 600 x 1024 @ 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	191 x 124 x 30 mm
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### Panel

LCD Size	7"
LCD Panel	TFT
Display Type	SVGA
Resolution	600 x 1024
Pixel Pitch	0.1506 x 0.1432
Luminance	300 cd/m <sup>2</sup>
Contrast Ratio	750
Viewing Angle	80 (U), 80 (D), 80 (L), 80 ( R)
Response Time	25 ms
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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Wireless LAN	WiFi 802.11 b/g/n/ac
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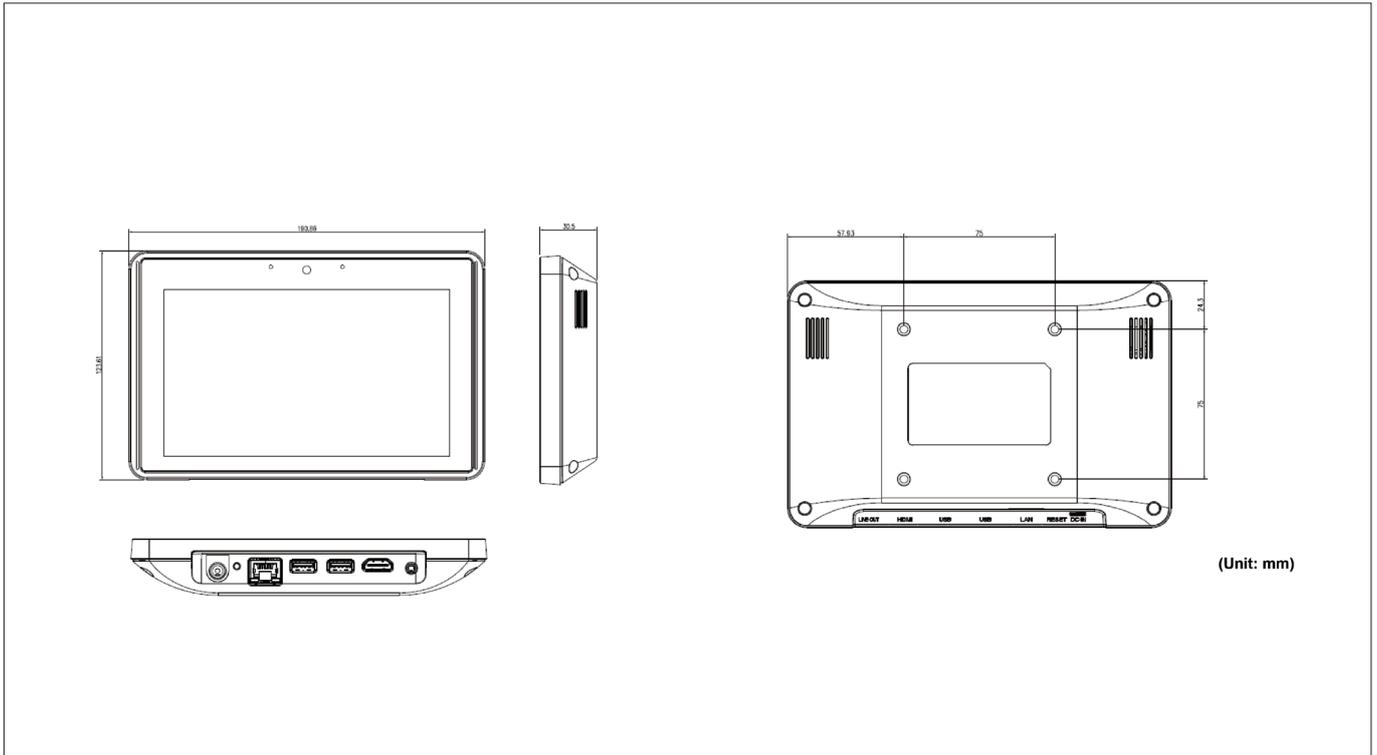
### Mechanical & Environmental

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	0.6 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	Resolution	I/O Ports (COM/USB/LAN)	Power Input	Working Temp.	OS Support
CCD-07WR2-CV39C-1R	PCAP	Rockchip RK3568	2GB DDR4 on board	32GB eMMC	600 x 1024	0/2/1	DC 12~24V	0°C ~ 50°C	Windows 10/11 Linux
CCD-07WR2-CV38C-1R	PCAP	Rockchip RK3568	2GB DDR4 on board	32GB eMMC	600 x 1024	0/2/1	DC 12~24V	0°C ~ 50°C	Windows 10/11 Linux

## Packing List

Item	P/N	Quantity
CCD-07WR2 Panel PC	CCD-07WR2-CV39C-1R	1
Power Adapter	ACC-ADP-060N-08R	1
Power Cord	E1702031833R	1

## I/O Overview

