



Features

- RockChip RK3568
- 2GB DDR4
- 32GB eMMC
- -20°C ~ 60°C (-4°F ~ 140°F)
- CE, FCC Class A



RockChip
RK3568
up to 128GB



2GB LPDDR4



32GB eMMC



PCAP Touch



Android 11/
Debian 11

Specifications

System Information

Processor	Rockchip RK3568
System Memory	2GB DDR4

Storage

eMMC	32GB eMMC
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External I/O Connector

External I/O Connector	1 x 10/100/1000 RJ45 Powered LAN 1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A
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Power Requirement

Power Requirement	DC 12~24V
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Software Support

OS	Android 11
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Certification

Certification Information	CE, FCC Class A
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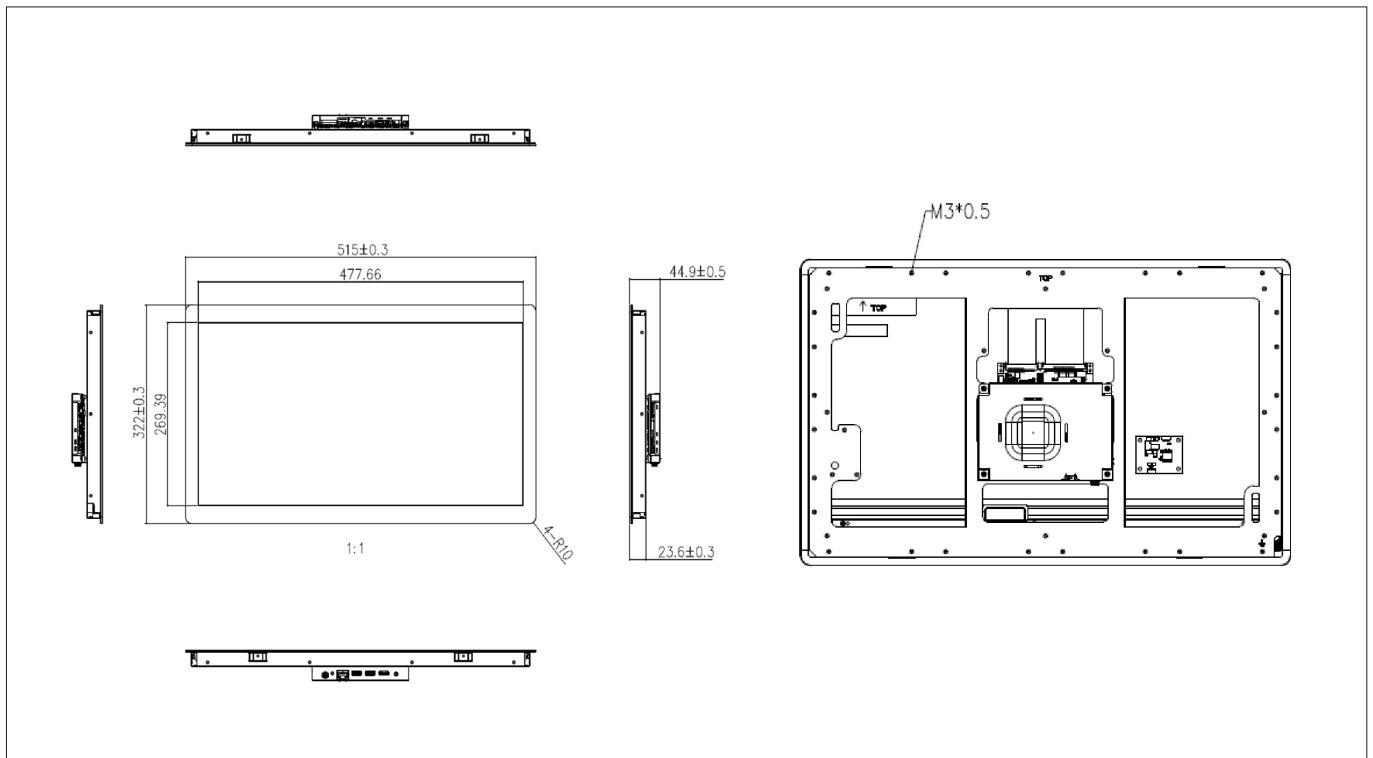
Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Dimension (W x L x H)	515 x 322 x 44.9 mm
Weight	3.6 kg

Internal I/O Connector

Internal I/O Connector	1 x A-MIC 1 x DC Input 1 x GPIO 1 x I ² C Sensor Interface 1 x M.2 3042 B-Key 1 x Mic-in 1 x MIPI DSI 2 x RS232 1 x RS485 1 x RTC battery 1 x Speaker 1 x Touch Button 1 x USB CAM_DMIC Interface 1 x USB Touch interface
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Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Panel Size	Storage	Resolution	Brightness	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.	OS Support
OFT-21WR2-6803-A1R	PCAP	RK3568	Onboard 2GB LPDDR4	21.5"	Onboard 32GB eMMC	1920 x 1080	250	2/2/1	HDMI	+12~24V DC in	0°C ~ 40°C	Android 11/ Debian 11

Packing List

Item	P/N	Quantity
OFT-21WR2 Open Frame Panel	OFT-21WR2-6803-A1R	1

Optional Items

Item	P/N
Adapter-12V	ACC-ADP-060N-08R
Power cord-12/24V-US	E1702031833R
Power cord-12/24V-EU	E1702031000R
Power cord-12/24V-JP	E1702031834R
Power cord-12/24V-UK	E1702031830R
Power cord-12/24V-AU	E1702031831R
Extended Bracket	BCC-OFT-BKT21-03R
Panel Mount kit	BCC-OFT-PMK21-03R
Wall Mount kit	BCC-OFT-WMK21-03R
Camera Kit	BCC-OFT-CAM-02R
Cable Kit	BCC-OFT-CABLE-05R
Touch Button Kit	BCC-OFT-TB-01R

I/O Overview

