

# ER-P21A



## FEATURES

- ◆ Rockchip RK3568 Processor
- ◆ Industrial display screen, capacitive touch screen
- ◆ 4GB LPDDR4+32GB EMMC
- ◆ Supports 2.4G/5G dual band WiFi/Bluetooth 5.0
- ◆ 2\*USB3.0, 1\*1000M network interface
- ◆ 1\*HDMI,1\*RS232+1\*TTL
- ◆ Metal shell fanless design

# Specification

## System Hardware

CPU	Rockchip RK3568
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)
Memory	4GB LPDDR4
Storage	EMMC 32GB, optional 16G

## Display

LCD Type	21.5 LCD
Touchscreen Type	21.5" capacitive touch screen
Max. Resolution	1920*1080
Luminance	250 cd/m2
Contrast Ratio	1000: 1

## OS

OS	Android 11.0
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## I/O Interface

USB	2*USB 3.0
Serial port	1*RS232,1*TTL
LAN	1*1000M network interface
GPIO	1*TF
Audio	3.5mm audio interface (2in1) with built-in speaker
Video	1*HD

## Power

Power Input	12V DC input (12/5A power adapter; 9-36V DC IN optional)
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## Environment

Operating Temp.	-10~60 Degree, without air flow
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Storage Temp.	-20~70 Degree
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Humidity	95% @40 Degree, non-condensing
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IP Rating	IP54
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Reliability	MTBF≥30000h; MTTR≤0.5h
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Shock Protection	10g/11ms
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Vibration Protection	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration
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## Mechanical

Dimension (WxHxD)	540.3*331.7*57.2mm
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Weight	6.1kg/7.2kg(N.W./G.W.)
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Color	Black
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Material	Aluminum alloy panel all metal fanless design
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Mounting	VESA mounting: 100*100mm Embedded installation: 526.3*317.7mm
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