

ER-P12A



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	12.1" LCD
Touchscreen Type	12.1" capacitive touch screen
Max. Resolution	1280*800
Luminance	500 cd/m ²
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)	315.8mm*218mm*52.9mm
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Weight	3.5kg/3.9kg(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: 302.1mm*204.3mm
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