

12.1" 3mm Bezel PCAP Touch Screen PC



Product Features

- RK3568 Quad-core ARM cortex-A55 up to 2.0Hz
- Supports Android 11
- 2+32GB Standard configuration
- Industrial grade LCD panel, 24/7 continuous operation
- PCAP touch supports Wet & Glove Touch function
- Surface treatment AR / AF / AG optional (MoHs 7)
- IP65 front / IP40 back rating protection
- Full customization service available
- Durable mechanical design for harsh environments
- Optical Bonding function (customized option)
- Wide temperature design with high reliability
- Brightness upgradeable to 1,500 nits



Anti-Magnetic



Waterproof



Shock-Proof



Anti-Corrosion



Anti-Glare



Wide Temp.

Specifications

LCD Panel	
IP rating	IP65 front/IP40 back
Screen Size	12.1"
Active Display Area(mm)	248.1(W)×186.8(H)
Pixel Pitch(mm)	0.204× 0.204 [124 PPI]
Display Resolution(pixel)	1024(RGB) × 768 XGA 4:3
Color Numbers	262K/16.7M 72% NTSC
Brightness	500 cd/m ²
Contrast Ratio	1000 : 1 (Typ.) (TM)
Response Time(Typ.Tr+Tf)	13/12 ms
Viewing Angles(CR=10)	89/89/89/89 (Typ.)
Backlight / Lifetime(hours)	WLED / 30,000H

Touch Panel	
Touch Screen	PCAP Touch(10 points)
Touch Interface	USB
Touch Accuracy	±2mm
Tempered Glass	Yes(AG/AF/AR Optional)
Glass Thickness	2mm

Operation / Mechanical	
Operating Temperature	-30~70°C
Storage Temperature	-40~80°C
Relative Humidity	10~90(%RH)
Housing Material	Aluminum
VESA / Panel Mounting	100*100

Warranty	
1 Year	

PC System	
Motherboard Type	Industrial mainboard
CPU	RK3568 Quad CORE 2.0GHz
GPU	Integrated Graphics
Audio	Integrated Audio
Memory	DDR4 2GB
Storage	eMMC 32GB
Network	1000Mbps,WIFI,BT5.2
OS	Supports Android 11

Power	
Power Supply Unit	External Power Adapter
Power Input	DC 12V
Rated Output Current	4A
Output Power	≤16W

External Connectors	
1* DC input	
1* Wifi antenna connector	
2* COM RS232	
2* COM RS485	
1* HDMI	
2* USB3.0 (1*OTG)	
2* RJ45	
1* SIM Slot	
1* Audio I/O	
1*Socket terminal	

Accessories in Package	
Installation hook	
Power supply	

* Additional customized specifications available upon request.

Dimensions (Unit: mm)

