

# R12RK3S-PCM2-POE

## 12.1" ARM A72+A53 S Series HMI Panel PC



### KEY FEATURES

- 12.1" 1024 x 768 Resolution with Projected Capacitive MultiTouch (PCAP)
- Fanless cooling system and ultralow power consumption
- Support PoE function
- Optional 2MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control, and room information applications
- Front IP65 Water and Dust Proof

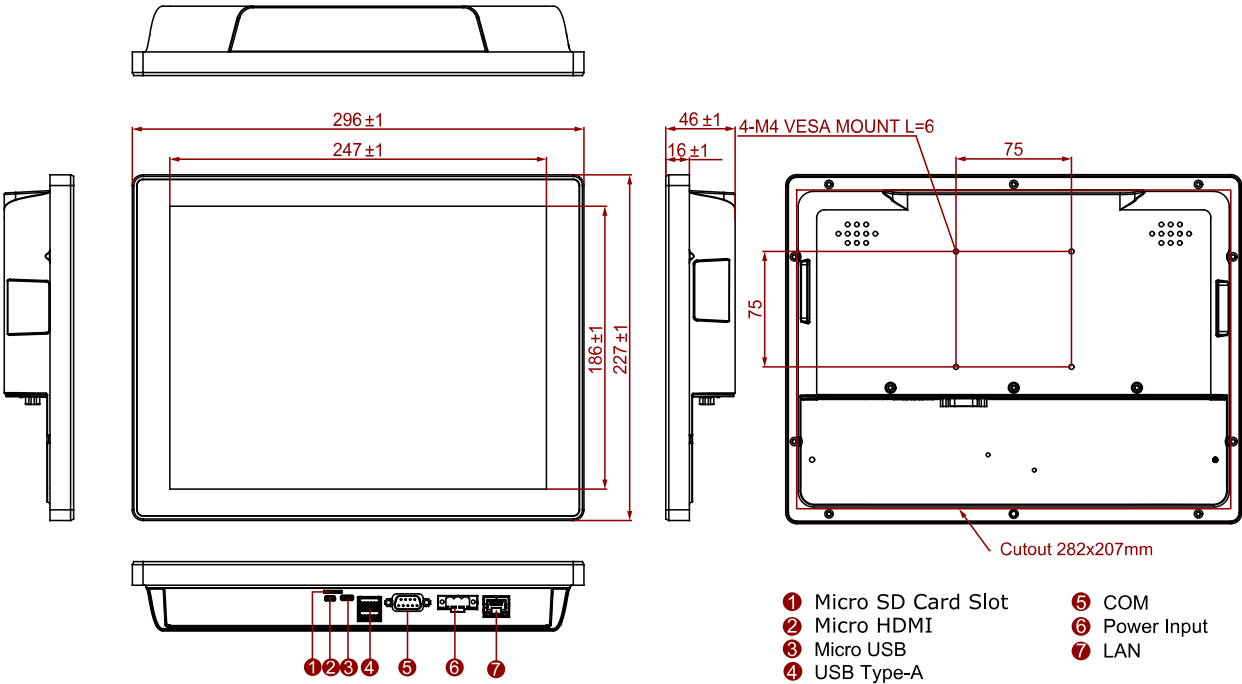


### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	12.1 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	500 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	245.76 x 184.32 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>Processor</b>	ARM A72 (up to 2.0 GHz) + ARM A53 (up to 1.5 GHz)	<b>Memory</b>	2GB LPDDR3L 1600 4GB (Optional)
<b>Storage</b>	Onboard 16GB eMMC Onboard 32GB eMMC (Optional) Micro SD Card SDHC (Optional)	<b>Operating System</b>	Android 7.1
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>RFID</b>	HF RFID Reader 13.56 MHz (Optional)		
Mechanical			
<b>Dimension</b>	296 x 227 x 46 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
<b>Cut out</b>	282x207 mm		
Environment			
<b>Operating Humidity</b>	10% to 90% (non-condensing)	<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-20~60°C	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>Power Input</b>	1 x 12V DC, 3-Pin Terminal Block	<b>USB Port</b>	1 x USB3.0 (Type-A) 1 x USB2.0 (Type-A) 1 x USB OTG
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)	<b>SD Card Slot</b>	1 x Micro SD card slot
<b>Video</b>	1 x Micro HDMI (Optional)	<b>Audio</b>	1 x Speaker
<b>Expansion Port</b>	2 x M.2 slot(1 for WiFi, 1 for SSD)	<b>LAN</b>	1 x LAN RJ45 Connector with PoE(PD, 802.3 at)

Accessory			
Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector Manual VESA screws		
Power			
Power Rating	12V DC	Adapter	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)		

**DIMENSIONS** UNIT:MM



**NOTE**

1. This is a simplified drawing and some components are not marked in detail.
2. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.
3. All specifications are subject to change without prior notice.