

# W07MG3S-PCT1-POE

## 7" S Series HMI Panel PC with ARM A78 + A55 Processor



### KEY FEATURES

- 7" 1024 x 600 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- 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
- Fanless cooling system and ultralow power consumption



### SPECIFICATIONS

#### Display

<b>Resolution</b>	1024x600	<b>Size</b>	7.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	320.0 nits
<b>View Angles</b>	75,75,75,70	<b>Active Area</b>	153.6x90 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		

#### System Specification

<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>RFID</b>	HF RFID Reader 13.56 MHz (Optional)	<b>Processor</b>	ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz
<b>Memory</b>	4GB LPDDR4	<b>Storage</b>	Onboard 32 GB
<b>Operating System</b>	Android 13 Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu 22.04 (Optional)		

#### Mechanical

<b>Dimension</b>	189.4 x 145.4 x 40 mm	<b>Weight</b>	1.0 kg
<b>Mounting</b>	Panel Mount VESA Mount	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless Design	<b>Cut out</b>	175.5x131.5mm

#### Environment

<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to 60°C	<b>Shock</b>	MIL-STD-810H Method 516.8 Procedure I
<b>Vibration</b>	MIL-STD-810H Method 514.8 Procedure I	<b>IP rating</b>	Front IP65

#### Certification

<b>Certification</b>	CE, FCC
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#### IO Ports

<b>USB Port</b>	2 x USB 2.0 Type A 1 x USB 2.0 Type C (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 Output (Optional)
<b>Audio</b>	1 x Speaker	<b>LAN</b>	1 x LAN 10/100/1000 Mbps

## Accessory

<b>Accessory</b>	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector VESA screws
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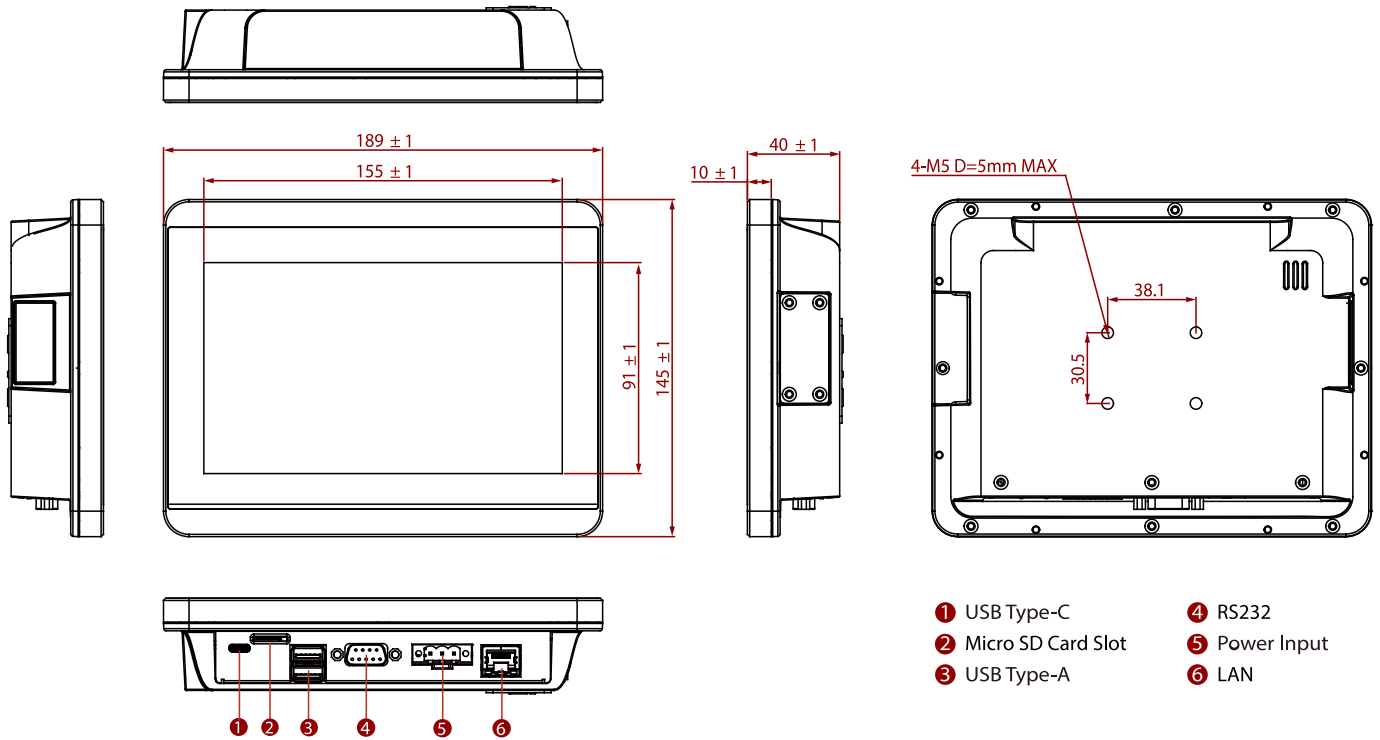
## Power

<b>Power Rating</b>	12V DC with Terminal Block	<b>Adapter</b>	12V 50W
<b>POE</b>	PoE (PD): follows IEEE 802.3at (25 W)		

## Camera

<b>Front Camera</b>	2MP Camera (Optional)
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## DIMENSIONS UNIT:MM



## NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.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.