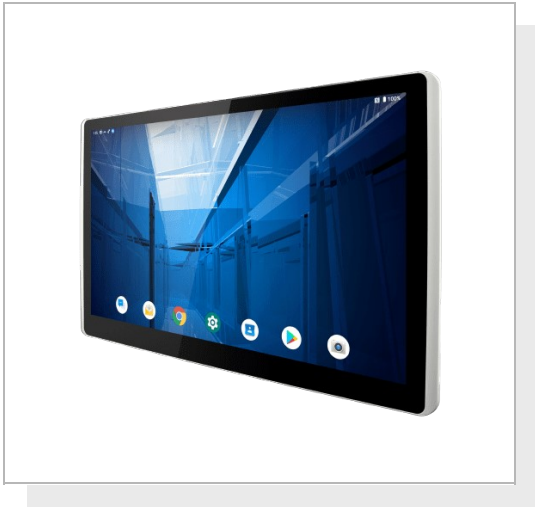


# W15IM3S-PTA3

## 15.6" ARM A53, Android 11 HMI Panel PC



### KEY FEATURES

- 15.6" 1920 x 1080 with PCAP touchscreen
- ARM A53 Quad Core 2.0GHz
- Fanless cooling system and Ultralow power consumption
- Onboard 32GB eMMC
- Onboard LPDDR4 4GB
- Android 11 HMI Panel PC
- Front IP65
- Support Android or Linux operating system



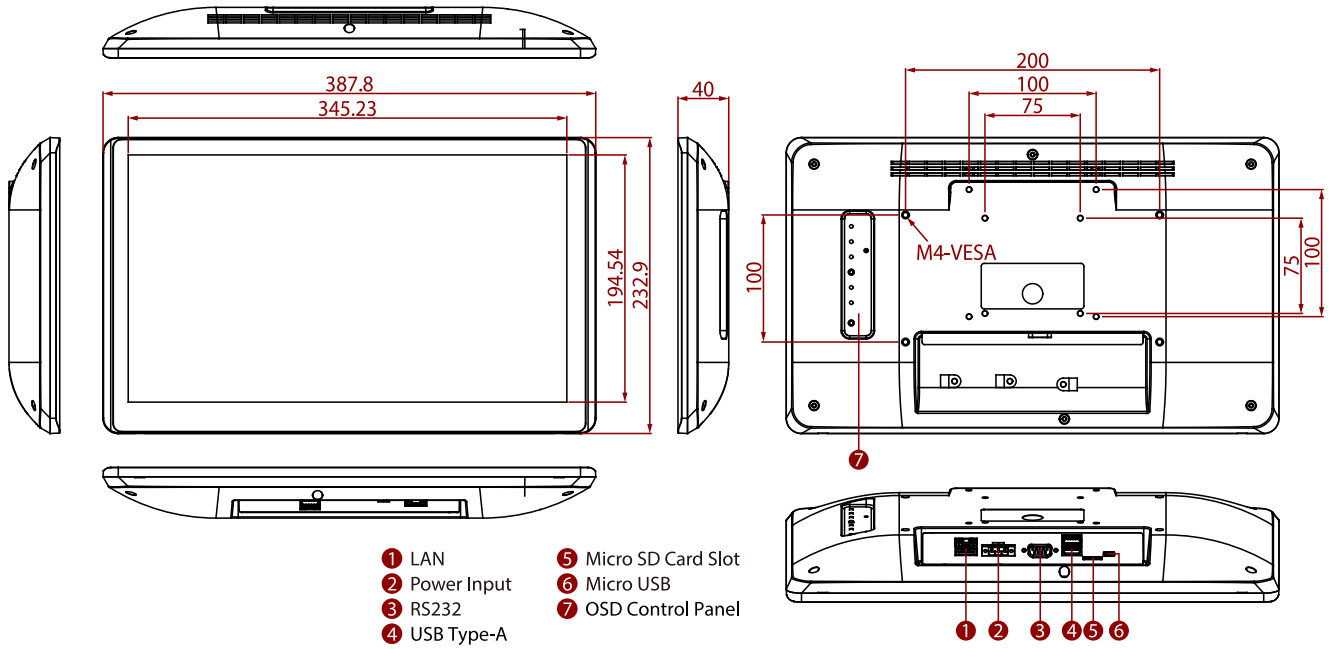
### SPECIFICATIONS

Display			
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen	<b>Resolution</b>	1920x1080
<b>Size</b>	15.6 inches	<b>Contrast Ratio</b>	800:1
<b>Panel Brightness</b>	400.0 nits	<b>View Angles</b>	85,85,85,85
<b>Active Area</b>	344.16x193.59 mm		
System Specification			
<b>Processor</b>	ARM A53 (Quad Core 2.0GHz)	<b>Memory</b>	4GB LPDDR4
<b>Storage</b>	eMMC: Onboard 32 GB	<b>Operating System</b>	Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu Server 22.04 (Optional)
Environment			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-10°C to 60°C	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
Mechanical			
<b>Dimension</b>	387.8 x 232.9 x 40 mm	<b>Mounting</b>	VESA Mount (100 x 200, 100 x 100, 75 x 75 mm)
<b>Enclosure</b>	Plastic	<b>Cooling System</b>	Fanless Design
IO Ports			
<b>USB Port</b>	2 x USB 2.0, 1 x USB OTG	<b>Serial Port</b>	1 x RS232(Default)/422/485
<b>SD Card Slot</b>	1 x Micro SD Card Slot (Max to 32GB)	<b>Audio</b>	2 x Speaker
<b>LAN</b>	1 x RJ45, Optional PoE(PD, 802.3AT)		
Accessory			
<b>Accessory</b>	Quick Start Guide(Hardcopy) AC Adapter 12V/50W Power Cord 3 Pin Terminal Block to DC Jack		
Power			
<b>Power Rating</b>	12V DC with Terminal Block	<b>POE</b>	Power Device (PD), follows IEEE 802.3at (25 W)

## Control

Button	1 x Power Button 1 x Reset Button
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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.