

# W15IM3S-EHA4

15.6" ARM A53 HMI Panel PC



## KEY FEATURES

- 15.6" 1920 x 1080 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- ARM A53 Quad Core 2.0GHz CPU, HMI Panel PC
- Fanless cooling system and ultra-low power consumption
- Front IP65 Water and Dust Proof
- Android 11
- Support Android or Linux operating system



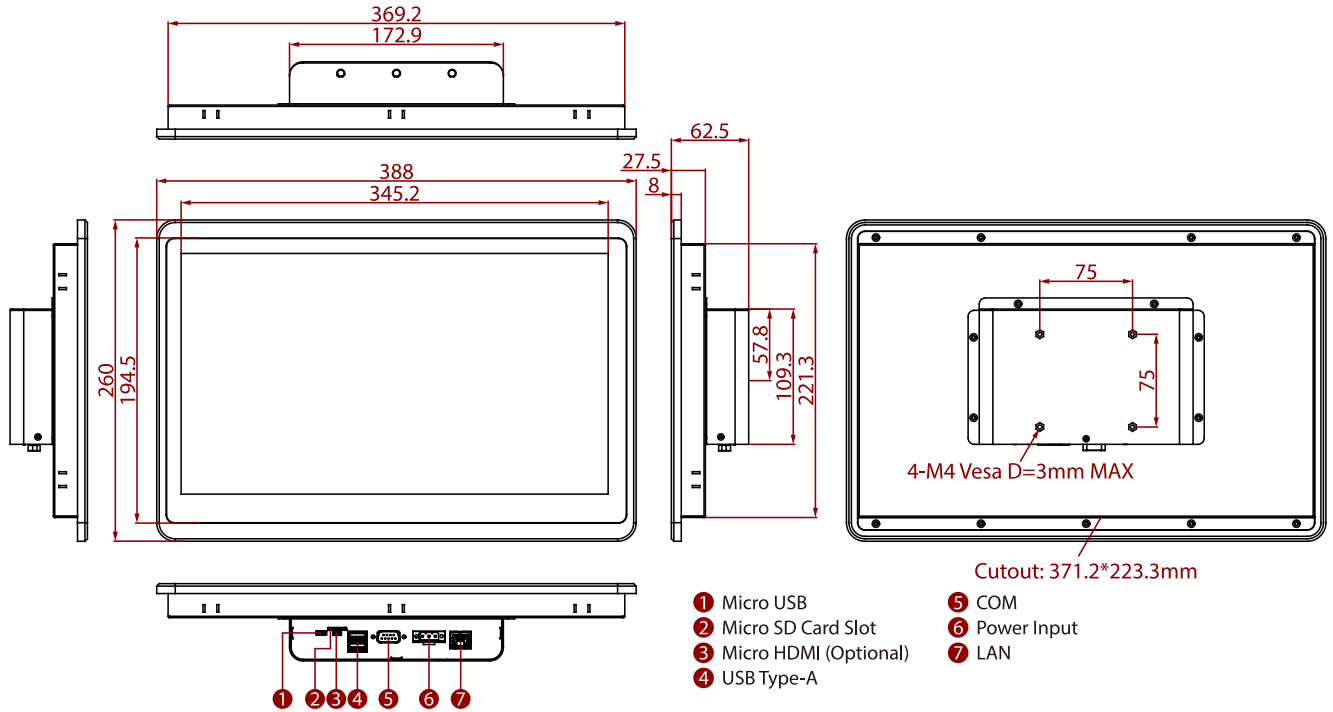
## SPECIFICATIONS

Display			
<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
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<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 (Optional)
Mechanical			
<b>Dimension</b>	388 x 260 x 62.5 mm	<b>Weight</b>	2.8 kg
<b>Mounting</b>	Panel Mount	<b>Enclosure</b>	Metal Front Bezel with Plastic Back Cover
<b>Cooling System</b>	Fanless Design	<b>Cut out</b>	371x224mm
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-810G Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	2 x USB 2.0 Type A 1 x Micro USB 2.0 OTG	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)
<b>SD Card Slot</b>	1 x Micro SD card slot (Max to 32GB)	<b>Video</b>	1 x Micro HDMI Output (Optional)
<b>Audio</b>	2 x Speaker (Optional)	<b>LAN</b>	1 x LAN 10/100/1000 Mbps PoE at/af (Optional)
Accessory			
<b>Accessory</b>	100~240V AC to DC Adapter Power Cord		

VESA screws  
Manual  
Mounting clips

Power			
<b>Power Rating</b>	12V DC with Terminal Block	<b>Adapter</b>	12V 50W
	9~36V (Optional)		

**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.