

# 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

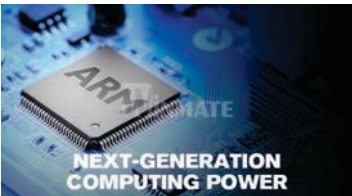


### OVERVIEW



#### True Flat (Easy-to-clean)

True Flat surface is not only for a stylish look, elegant for aesthetically pleasant look that fits in modern interiors and exteriors. It is easy to maintain and clean. No more clogged dust on edges.



#### Next generation computing power

The Winmate HMI delivers next-generation ARM processing power and a highly versatile complement for industrial IoT, providing high computing performance with low power consumption.



#### P-Cap Touch (Resistant to scratches)

The glass cover lens provides a great protection from scratches. P-Cap Touch supports 4-point multi-touch and can easily be controlled by fingers. This technology allows enjoying every touch and improving convenience of using the device. Thus it helps to enhance overall customer experience.



#### Mounting clips (Quick installation)

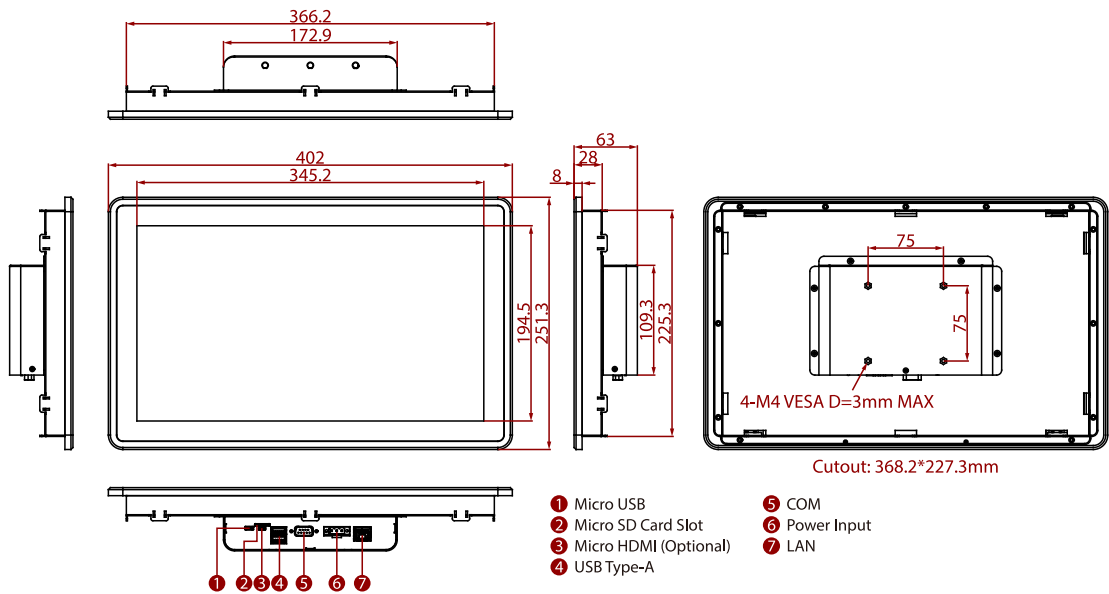
With mounting clips for panel mounting there is no need to drill holes in a fixture. This saves you the time for mounting and guarantee aesthetic look of the wall after the unit gets removed.

### SPECIFICATIONS

Display			
Resolution	1920x1080	Size	15.6 inches
Contrast Ratio	800:1	Panel Brightness	400.0 nits
View Angles	85,85,85,85	Active Area	344.16x193.59 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
Processor	ARM A53 (Quad Core 2.0GHz)	Memory	4GB LPDDR4
Storage	eMMC: Onboard 32 GB	Operating System	Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu Server 22.04 (Optional)
Mechanical			

Dimension	388 x 260 x 62.5 mm	Weight	2.8 kg
Mounting	Panel Mount	Enclosure	Metal Front Bezel with Plastic Back Cover
Cooling System	Fanless Design	Cut out	371x224mm
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C	Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	IP rating	Front IP65
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	2 x USB 2.0 Type A 1 x Micro USB 2.0 OTG	Serial Port	1 x RS232/422/485 (Default RS232)
SD Card Slot	1 x Micro SD card slot (Max to 32GB)	Video	1 x Micro HDMI Output (Optional)
LAN	1 x LAN 10/100/1000 Mbps PoE at/af (Optional)		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws Mounting clips		
Power			
Power Rating	12V DC with Terminal Block	Adapter	12V 50W

**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.