

W10IM3S-EHH2

10.1" ARM A53 E Series HMI Panel PC



KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (PCAP)
- ARM A53 Quad Core 2.0GHz CPU
- Fanless cooling system and ultra-low power consumption
- Front IP65 Water and Dust Proof
- Android 11
- Support Android or Linux operating system

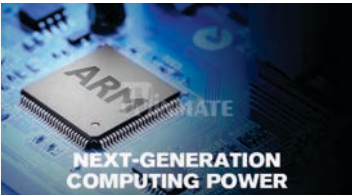


OVERVIEW



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)

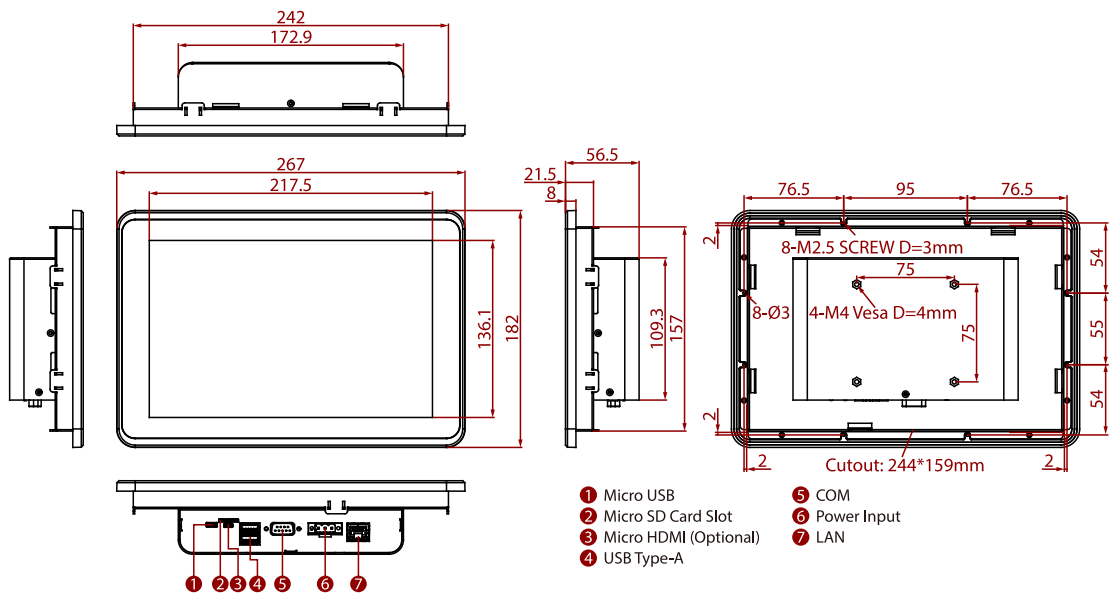
With mounting clips for panel mounting there is no need to drill holes in a fixture. This saves you the time for mounting and guarantee aesthetic look of the wall after the unit gets removed.

SPECIFICATIONS

Display			
Resolution	1280x800	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	350.0 nits
View Angles	85,85,85,85	Active Area	216.96x135.6 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	267 x 182 x 56.5 mm	Weight	1.5 kg
Mounting	Panel Mount VESA Mount	Enclosure	Metal Front Bezel with Plastic Back Cover
Cooling System	Fanless design	Cut out	244x159mm
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.