

W07IM3S-EHT1

7" ARM A53 E Series HMI Panel PC



KEY FEATURES

- 7" 1024 x 600 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



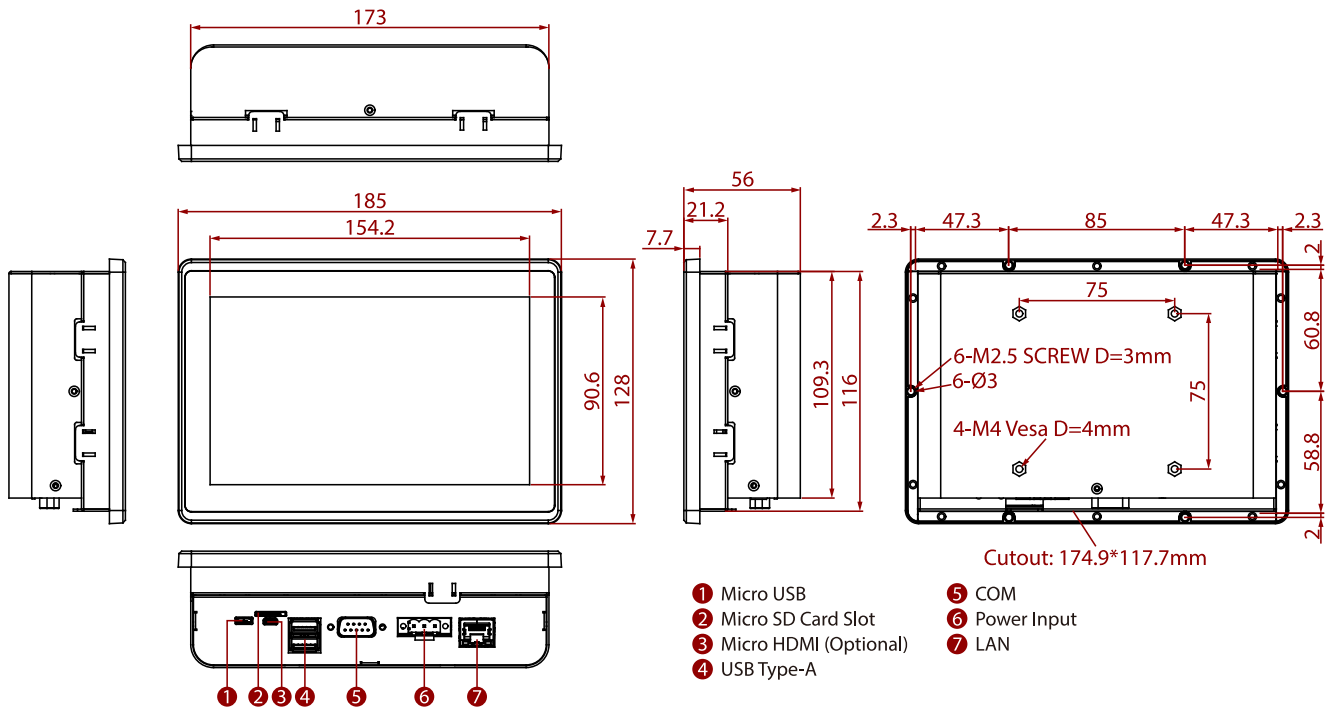
SPECIFICATIONS

Display			
Resolution	1024x600	Size	7.0 inches
Contrast Ratio	1000:1	Panel Brightness	320.0 nits
View Angles	75,75,75,70	Active Area	153.6x90 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
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	185 x 128 x 56 mm	Weight	0.9 kg
Mounting	Panel Mount VESA Mount	Enclosure	Plastic Housing
Cooling System	Fanless Design	Cut out	175x118mm
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.