

W07MG3S-EHT1

7" ARM A78+A55 E Series HMI Panel PC



KEY FEATURES

- 7" 1024 x 600 Resolution with Projected Capacitive Multi-Touch (PCAP)
- ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz CPU
- Fanless cooling system and ultra-low power consumption
- Front IP65 Water and Dust Proof
- Android 13

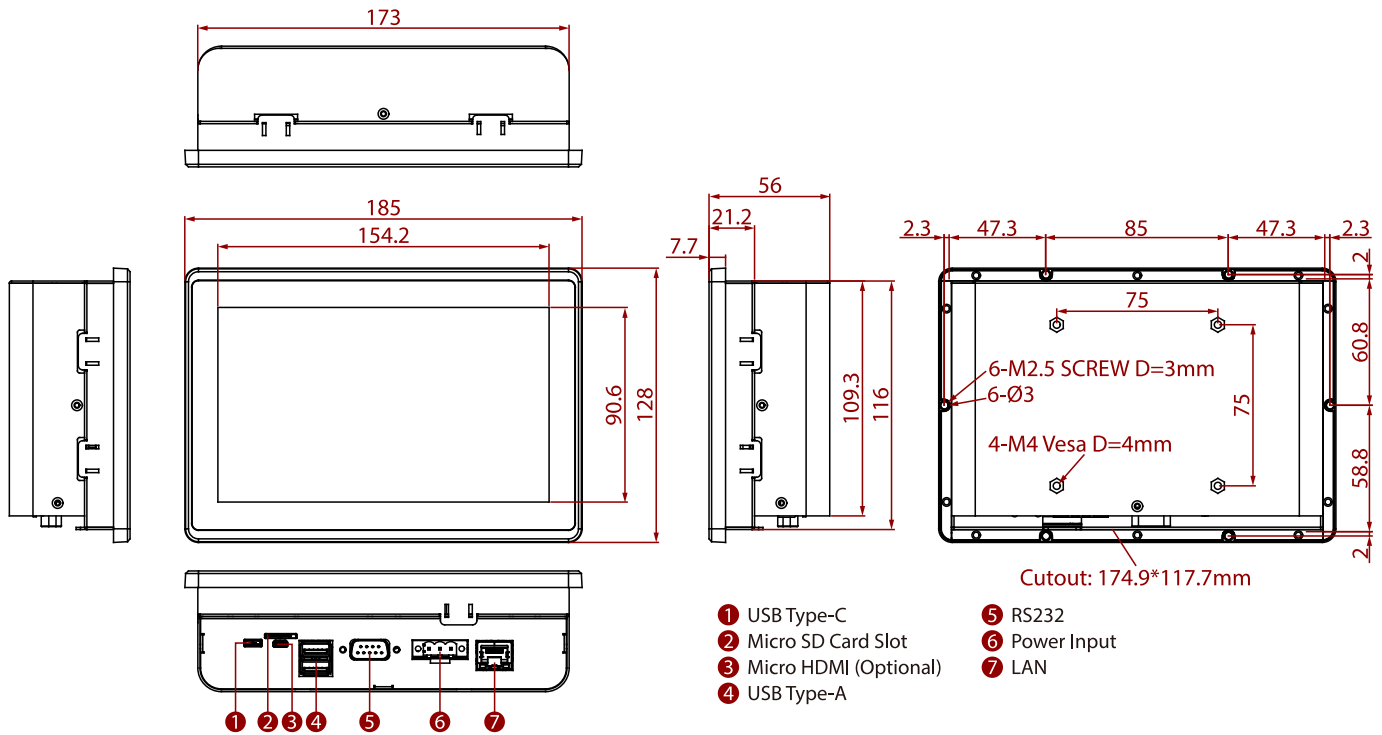


SPECIFICATIONS

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			
Processor	ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz	Memory	4GB LPDDR4
Storage	Onboard 32 GB	Operating System	Android 13 Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu 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 USB 2.0 Type C (OTG)	Serial Port	1 x RS232/422/485 (Default RS232)
SD Card Slot	1 x Micro SD card slot	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		

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. 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.