

W10MG3S-PCH2-POE

10.1" S Series HMI Panel PC with ARM A78 + A55 Processor



KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Support PoE function
- Optional 2MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control, and room information applications
- Front IP65 Water and Dust Proof
- Fanless cooling system and ultralow power consumption

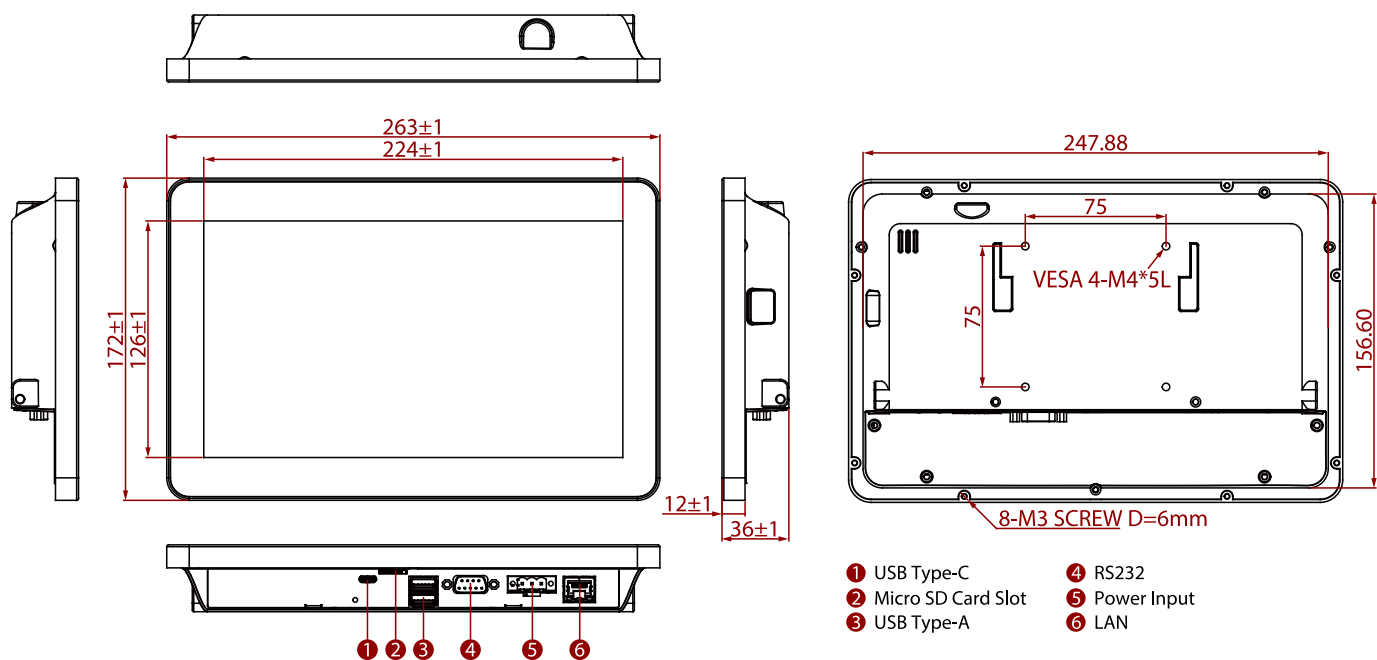


SPECIFICATIONS

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			
WLAN	Support (Optional)	BT	Support (Optional)
RFID	HF RFID Reader 13.56 MHz (Optional)	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	264 x 173 x 36 mm	Weight	1.2 kg
Mounting	Panel Mount VESA Mount	Enclosure	Plastic Front Bezel with Metal Back Cover
Cooling System	Fanless Design	Cut out	250x159mm
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)
Audio	1 x Speaker	LAN	1 x LAN 10/100/1000 Mbps

Accessory			
Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector VESA screws		
Power			
Power Rating	12V DC with Terminal Block	Adapter	12V 50W
	9~36V (Optional)		
POE	PoE (PD): follows IEEE 802.3at (25 W)		
Camera			
Front Camera	2MP Camera (Optional)		

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.