

W07IM3S-PC01-POE

7" ARM A53 S Series HMI Panel PC



KEY FEATURES

- 7" 1024 x 600 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Fanless cooling system and ultralow power consumption
- 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
- Support Android or Linux operating system

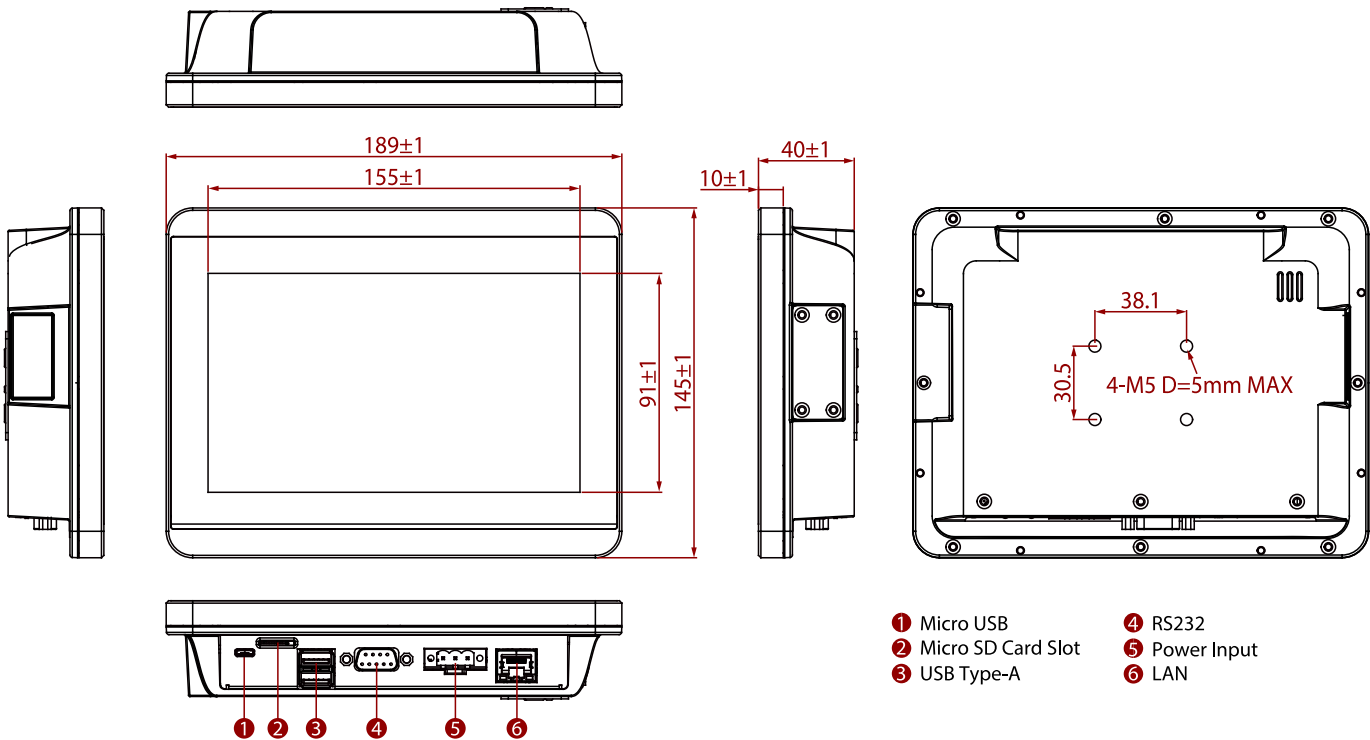


SPECIFICATIONS

Display			
Resolution	1024x600	Size	7.0 inches
Contrast Ratio	700:1	Panel Brightness	1000.0 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)
RFID	HF RFID Reader 13.56 MHz (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	189.4 x 145.4 x 40 mm	Weight	1.0 kg
Mounting	Panel Mount VESA Mount	Enclosure	Metal Housing
Cooling System	Fanless Design	Cut out	175.5x131.5mm
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-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 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)
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 Manual VESA screws		
Power			
Power Rating	12V DC with Terminal Block	Adapter	12V 50W
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. 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.