W12IM3S-PPB1

12.3" ARM A53 PP Series HMI Panel PC



KEY FEATURES

- 12.3" 1920 x 720 panel with projected capacitive multitouch screen
- ARM A53 Quad Core 2.0GHz CPU
- Front IP65 water and dust proof
- Aluminum housing and fanless design
- Room booking schedule, access control, room information display



SPECIFICATIONS

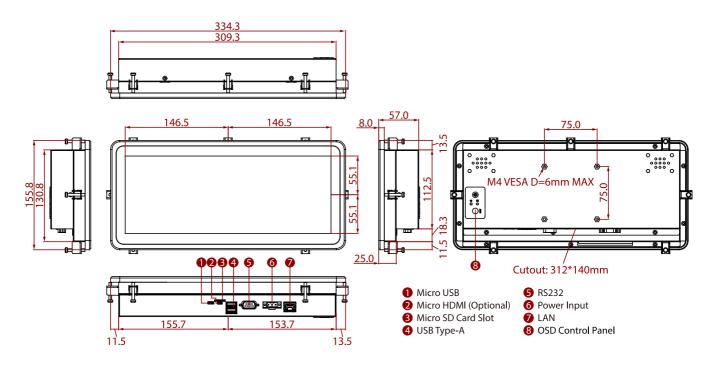
Display					
Touch / Glass	Projected Capacitive Multi Touch Screen	Resolution	1920x720		
Size	12.3 inches	Contrast Ratio	1000:1		
Panel Brightness	1000.0 nits	View Angles	88,88,88,88		
Active Area	292.92×110.22 mm				
System Specification					
Processor	ARM A53 (Quad Core 2.0GHz)	Memory	4GB LPDDR4		
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 (Optional)		
WLAN	Support (Optional)	ВТ	Support (Optional)		
Mechanical					
Dimension	334.3 x 155.8 x 57 mm	Mounting	Panel Mount VESA Mount		
Enclosure	Metal Housing	Cooling System	Fanless Design		
Cut out	312x140mm				
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	2 x Speaker (Optional)	LAN	1 x LAN 10/100/1000 Mbps		
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				
Control					
Button	1 x Power Button (Optional)				

Power				
Power Rating	12V DC with Terminal Block	Adapter	12V 50W	
Accessory				
Accessory	100~240V AC to DC Adapter			

DIMENSIONS

UNIT:MM

VESA screws Manual Mounting clips



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.