

W04IM3S-ELT1

4.3" ARM A53 EL Series HMI Panel PC



KEY FEATURES

- 4.3" 480 x 272 Resolution with P-Cap Multi-touch screen
- ARM A53 Quad Core 2.0GHz CPU ARM HMI Panel PC
- Android 11
- 1 x USB , 1 x Micro USB, 1 x RS485 , 1 x RJ45 / LAN
- Support Android or Linux operating system



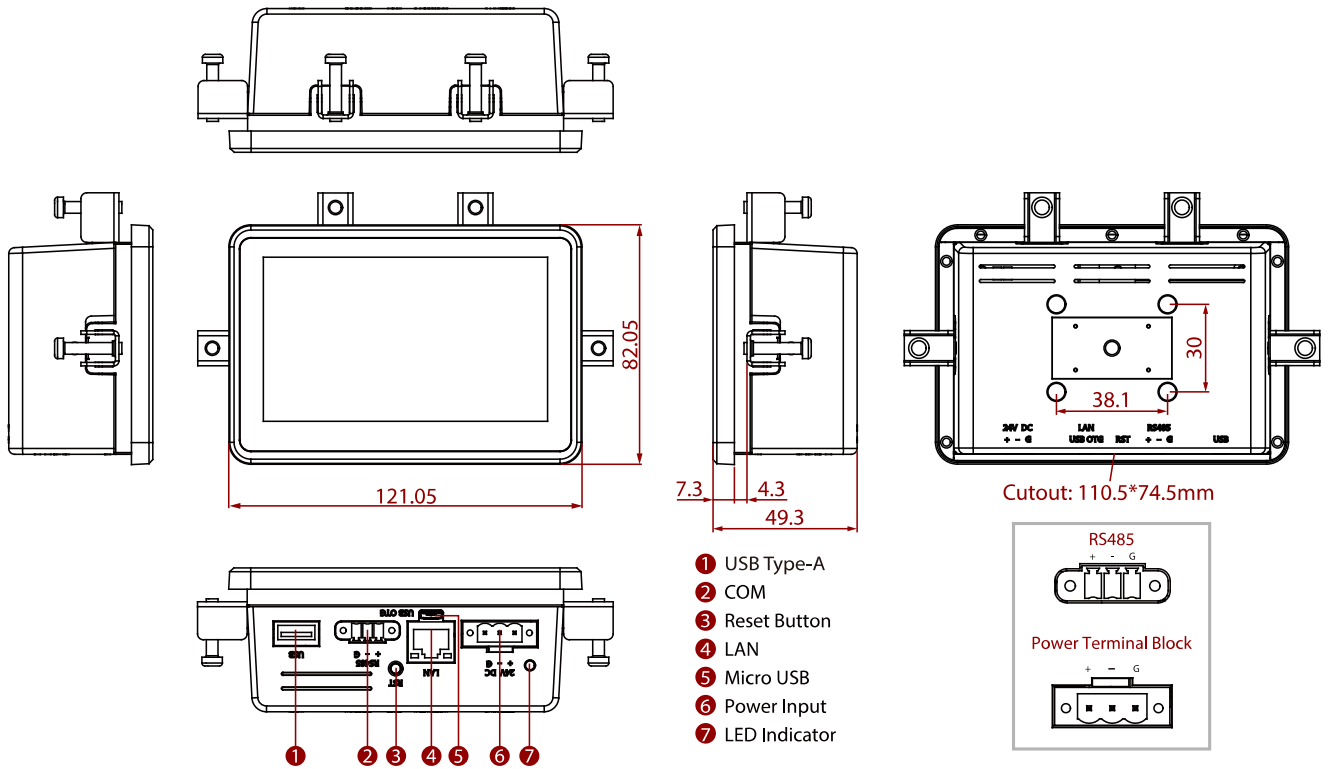
SPECIFICATIONS

Display			
Resolution	480x272	Size	4.3 inches
Contrast Ratio	900:1	Panel Brightness	400.0 nits
View Angles	80,60,80,80	Active Area	95.040x53.856 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
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)
Mechanical			
Dimension	121 x 82 x 49 mm	Mounting	Panel mount
Enclosure	Plastic Housing	Cooling System	Fanless Design
Cut out	110.5x74.5mm		
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	-20°C to 50°C
Storage Temperature	-25°C to 70°C	IP rating	Front IP65
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	1 x USB 2.0 Type A 1 x Micro USB 2.0 OTG	Serial Port	1 x RS485, 3pin Terminal block
LAN	1 x LAN RJ45 Connector	Indicator	1 x LED Indicator for storage
Accessory			
Accessory	Open Wire Cable with terminal block connector Mounting clips VESA screws	Optional Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable
Power			
Power Rating	12V~24V with isolation, 3Pin Terminal Block	Adapter	12V 50W

Control

Button 1 x Reset Button

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.