

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



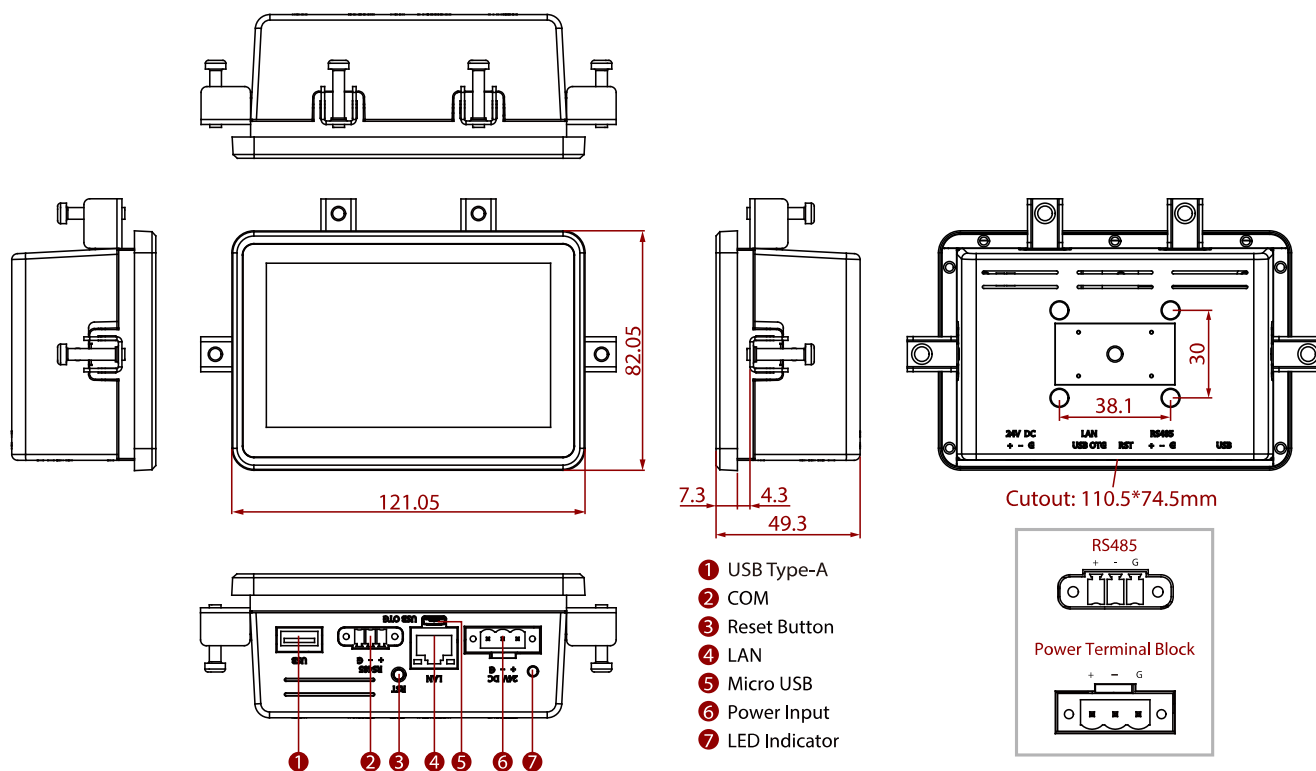
SPECIFICATIONS

Display			
Resolution	480x272	Size	4.3 inches
Contrast Ratio	900:1	Panel Brightness	400 nits
View Angles	80,60,80,80	Active Area	95.040×53.856 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
Processor	ARM A53 Quad Core 2.0GHz	Memory	4GB LPDDR4
Storage	32GB eMMC	Operating System	Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu (in 2023) (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% (noncondensing)	Operating Temperature	-20~50°C
Storage Temperature	-25~70°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.