

W07FA3S-ELT1

7" NXP i.MX6 EL Series HMI Panel PC



KEY FEATURES

- 7" 1024 x 600 Resolution with P-Cap Multi-touch screen
- NXP i.MX6 Dual Core 1GHz
- Fanless cooling system and Ultra-low power consumption
- Front IP65 Water and Dust Proof
- 1 x USB , 1 x USB OTG , 1 x RS485 , 1 x RJ45 / LAN



SPECIFICATIONS

Display	
Resolution	1024x600
Contrast Ratio	1000:1
View Angles	75,75,75,70
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	7.0 inches
Panel Brightness	320.0 nits
Active Area	153.6x90 mm
System Specification	
Processor	NXP i.MX6 Dual Core, 1.0GHz
Memory	1GB 2GB (Optional)
Storage	eMMC: Onboard 8 GB
Operating System	Linux Ubuntu 20.04 Android 6.0 (Optional)
Mechanical	
Dimension	185 x 128 x 46 mm
Mounting	Panel mount VESA Mount
Enclosure	Metal Housing
Cooling System	Fanless design
Cut out	174.08 x 116.9mm
Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
Power Input	1 x 12~24V DC, 3-Pin Terminal Block
USB Port	1 x USB2.0 (Type-A) 1 x USB OTG
Serial Port	1 x RS485, 3pin Terminal block
LAN	1 x LAN RJ45 Connector
Indicator	1 x LED Indicator for storage
Control	
Button	1 x Reset Button
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
 Mounting clips
 VESA screws

Power

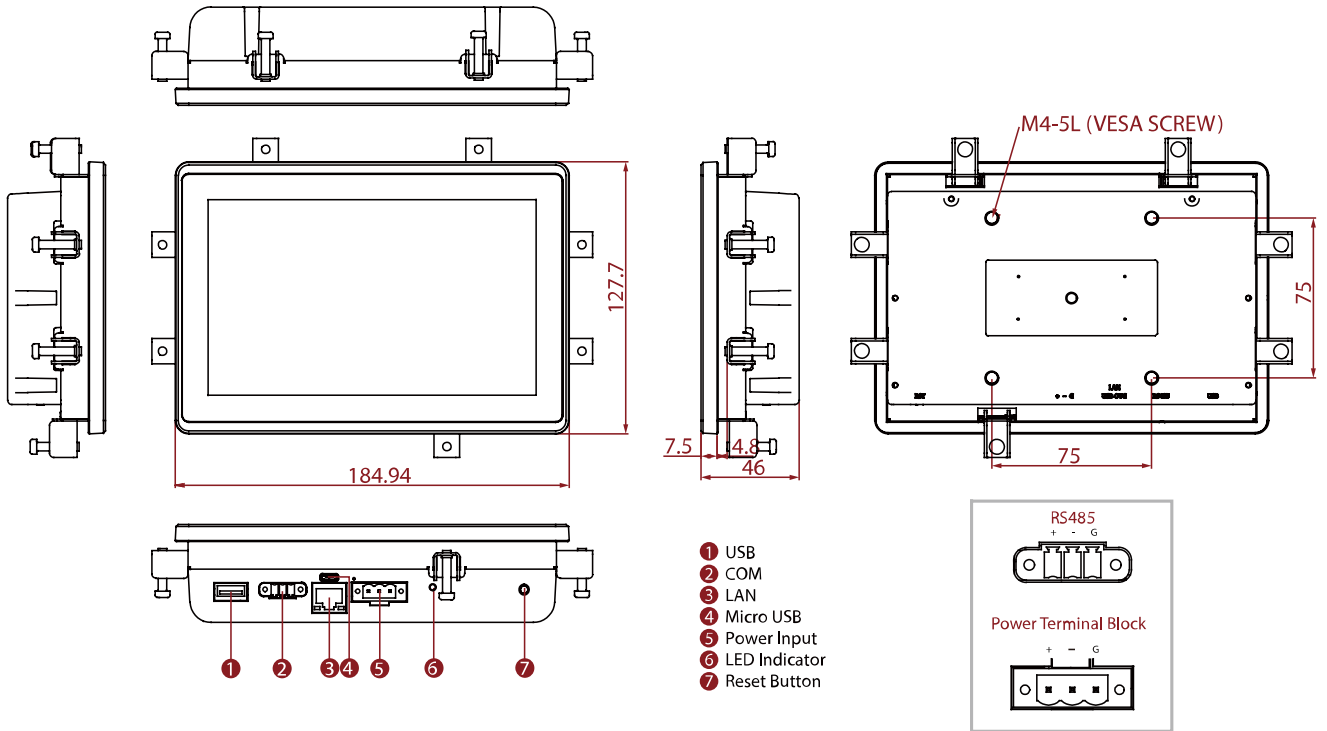
Power Rating 12V~24V with isolation, 3-Pin Terminal Block

Adapter

12V 50W

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.