

# 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			
<b>Resolution</b>	1024x600	<b>Size</b>	7 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	320 nits
<b>View Angles</b>	75,75,75,70	<b>Active Area</b>	153.6x90 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>Processor</b>	NXP i.MX6 Dual Core, 1.0GHz	<b>Memory</b>	1GB 2GB (Optional)
<b>Storage</b>	Onboard 8GB eMMC	<b>Operating System</b>	Linux Ubuntu 18.04 Android 6.0 (Optional)
Mechanical			
<b>Dimension</b>	185 x 128 x 46 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
<b>Cut out</b>	174.08x116.9mm		
Environment			
<b>Operating Humidity</b>	10% to 90% (non-condensing)	<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-20~60°C	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>Power Input</b>	1 x 12~24V DC, 3-Pin Terminal Block	<b>USB Port</b>	1 x USB2.0 (Type-A) 1 x USB OTG
<b>Serial Port</b>	1 x RS485, 3pin Terminal block	<b>LAN</b>	1 x LAN RJ45 Connector
<b>Indicator</b>	1 x LED Indicator for storage		
Control			
<b>Button</b>	1 x Reset Button		
Accessory			
<b>Accessory</b>	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**

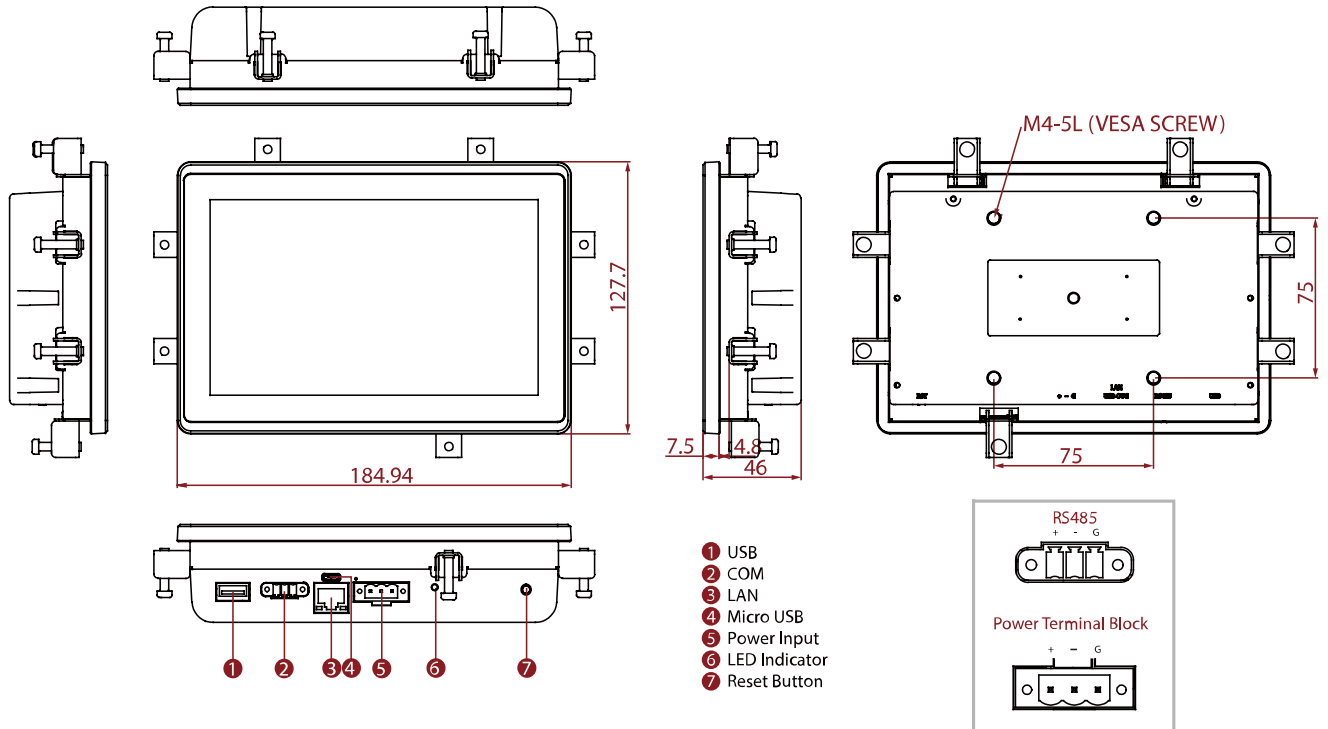
**Power Rating** 12V~24V with isolation, 3-Pin Terminal Block

**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.