

# 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	Size	7.0 inches
Contrast Ratio	1000:1	Panel Brightness	320.0 nits
View Angles	75,75,75,70	Active Area	153.6x90 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

#### System Specification

Processor	NXP i.MX6 Dual Core, 1.0GHz	Memory	1GB 2GB (Optional)
Storage	eMMC: Onboard 8 GB	Operating System	Linux Ubuntu 18.04 (Optional) Android 6.0 (Optional) Debian 7.0 (Optional) Linux 4.1.15 QT 5.5 (Optional)

#### Mechanical

Dimension	185 x 128 x 46 mm	Weight	0.6 kg
Mounting	Panel mount VESA Mount	Enclosure	Metal Housing
Cooling System	Fanless design	Cut out	174.08 x 116.9 mm

#### 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
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#### 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
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#### Accessory

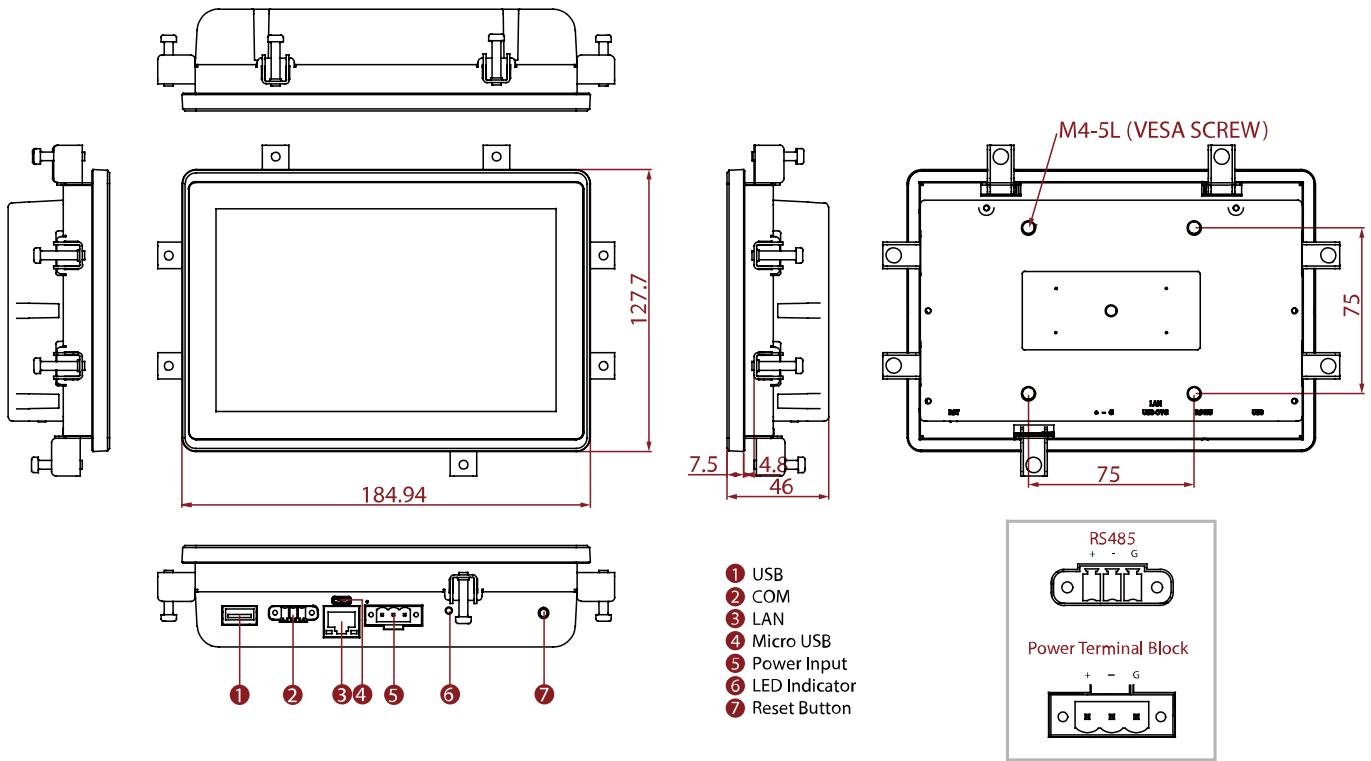
**Accessory**  
 100~240V AC to DC Adapter  
 Power Cord  
 Terminal Block to 2.5Ø Female Adapter Cable  
 Open Wire Cable with terminal block connector  
 Mounting clips  
 VESA screws

## 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.