

# R15FA3S-PTC3

## 15" NXP i.MX6 HMI Panel PC



### KEY FEATURES

- 15" 1024 x 768 with PCAP touchscreen
- Low power consumption with NXP A9 i.MX6 Dual Core 1GHz
- Fanless cooling system and ultra low power consumption
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Plenty of I/O, including 1 x LAN, 1 x RS232, 1 x USB 2.0, 1 x USB OTG, 1 x CANBUS
- NXP i.MX6 HMI Panel PC



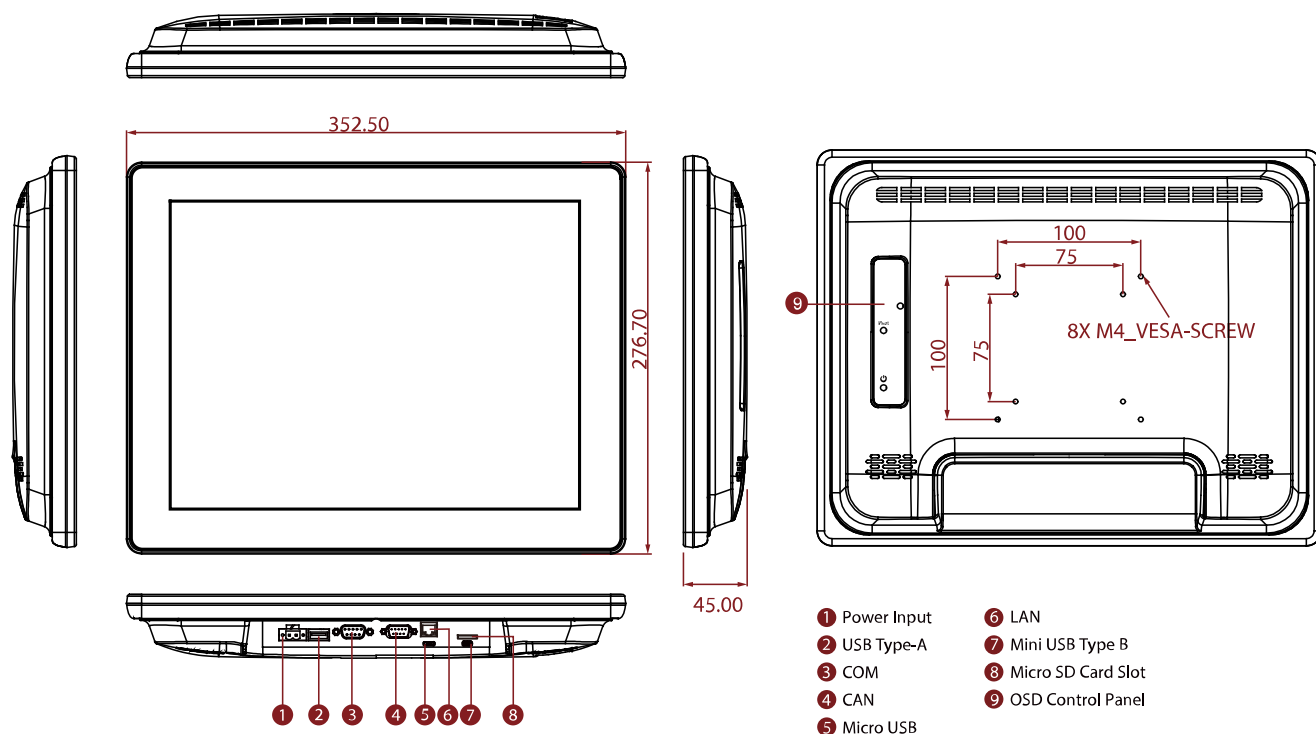
### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	15 inches
<b>Contrast Ratio</b>	800:1	<b>Panel Brightness</b>	350 nits
<b>View Angles</b>	80,80,70,80	<b>Active Area</b>	304.128x228.096 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen Anti-glare Film (Optional)		
System Specification			
<b>Processor</b>	NXP i.MX6 Dual Core, 1.0GHz	<b>Memory</b>	1GB 2GB (Optional)
<b>Storage</b>	eMMC: Onboard 16 GB eMMC: Onboard 32 GB (Optional)	<b>Operating System</b>	Linux Ubuntu 18.04 (Optional) Android 6.0 (Optional) Debian 7.0 (Optional) Linux 4.1.15 QT 5.5 (Optional)
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
Environment			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-10°C to 60°C	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
Mechanical			
<b>Dimension</b>	352.5 x 276.7 x 45 mm	<b>Mounting</b>	VESA Mount
<b>Enclosure</b>	Plastic	<b>Cooling System</b>	Fanless Design
IO Ports			
<b>USB Port</b>	1 x USB 2.0 1 x USB OTG – Connect to PC for Client Use and Update Image 1 x Mini USB– For Linux Debug	<b>Serial Port</b>	1 x RS-232/422/485, 1 x CANBUS (DB9)
<b>SD Card Slot</b>	1 x Micro SD Card Reader	<b>Audio</b>	2 x Speaker
<b>LAN</b>	1 x RJ45-10/100/1000 Mbps 1 x RJ45-10/100/1000 Mbps with PoE (Optional)	<b>Indicator</b>	Power LED Indicator
Accessory			

**Accessory** Quick Start Guide(Hardcopy)  
AC Adapter 12V/50W  
Power Cord  
Terminal Block to DC Jack

<b>Power</b>			
<b>Power Rating</b>	12V DC with Terminal Block	<b>POE</b>	Power Device (PD), follows IEEE 802.3at (25 W)
<b>Control</b>			
<b>Button</b>	1 x Power 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.