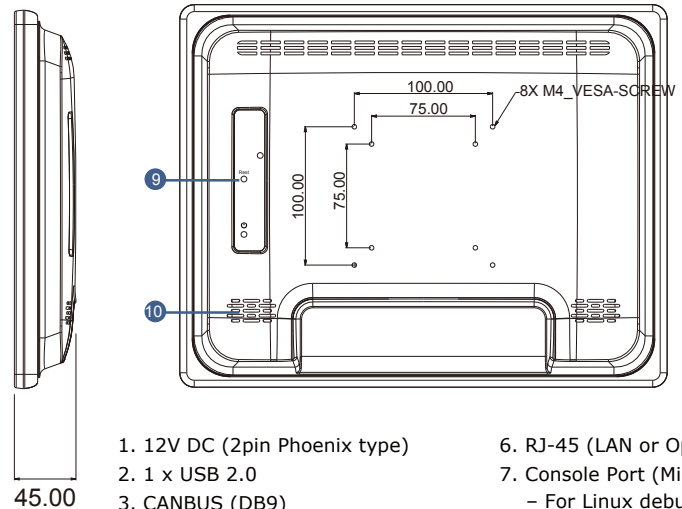
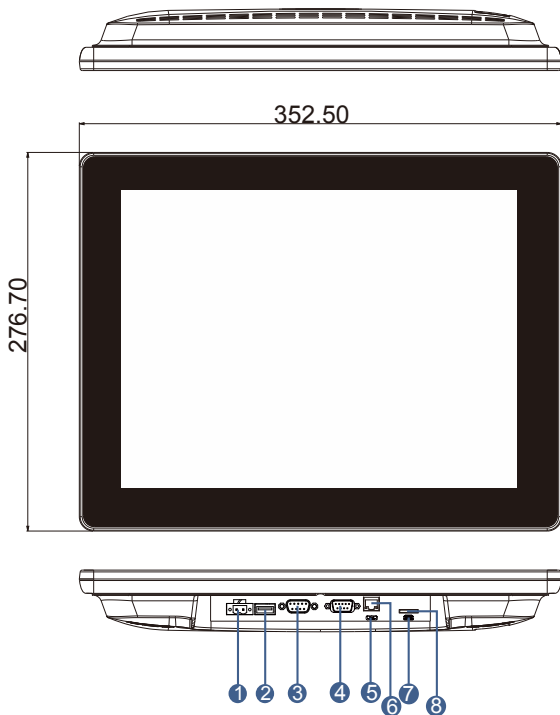


# 15" Multi-Touch Chassis Series HMI- R15FA3S-PTC3

## Features

- 15" 1024 x 768 with P-CAP touchscreen
- Low power consumption with Freescale® Cortex® 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



- |   |   |
|---|---|
| 1. 12V DC (2pin Phoenix type)                                 | 6. RJ-45 (LAN or Optional PoE)                  |
| 2. 1 x USB 2.0  | 7. Console Port (Mini USB)<br>– For Linux debug |
| 3. CANBUS (DB9)   | 8. Micro SD                                     |
| 4. RS-232/422/485 (DB9)                                       | 9. Power & Reset button                         |
| 5. USB OTG – Connect to<br>PC for client use and update Image | 10. 1 Watt Speaker                              |

## Specifications

### System

- Processor : Freescale Cortex A9 i.MX6 Dual Core 1GHz
- System Memory : 1GB LPDDR3
- Storage : Onboard 16GB eMMC(default) /Micro SD card

### Input / Output

- Serial Ports : 1 x RS-232/422/485, 1 x CANBUS (DB9)
- USB Ports : 1 x USB 2.0, 1 x USB OTG – Connect to PC for client use and update Image
- Ethernet : 1 x RJ 45-10/100/1000 Mbps (LAN or Optional PoE)
- Speaker : 2 x 1 Watt speaker
- SD Card : 1 x Micro SD Card Reader
- Console : 1 x Mini USB– For Linux debug

### Environment

- Operating Temperature : 0 °C to 40 °C
- Operating Humidity : 10% to 95% (non-condensing)
- IP Rating : Front IP65

### Power Specification

- Power Input : 12V DC in Terminal Block 2 Pin (Phoenix Type)
- Optional Power Over Ethernet : Power Device (PD) follows IEEE 802.3at (25 W)
- Power Consumption : 13 W typical, normal operation

### Display Spec :

- Size/Type : 15" TFT
- Resolutions : 1024x768
- Brightness : 300cd/m2 (typ.)
- Contrast Ratio : 700 : 1 (typ.)
- Viewing Angle : -80~80(H);-80~80(V)
- Max Colors : 16.2M
- Touch : Projective-Capacitive Touch

### Mechanical Specification :

- Mounting : VESA Mount (100x100mm, 75x75mm)
- Dimensions (W x H x D) : 352.5 x 276.7 x 45 (mm)
- Appearance : Back cover color RAL 7016

### Operating System

- Android 6.0 (Default)
- Linux 4.1.15 , QT 5.5 (Optional)
- Ubuntu 16.04 (Optional)