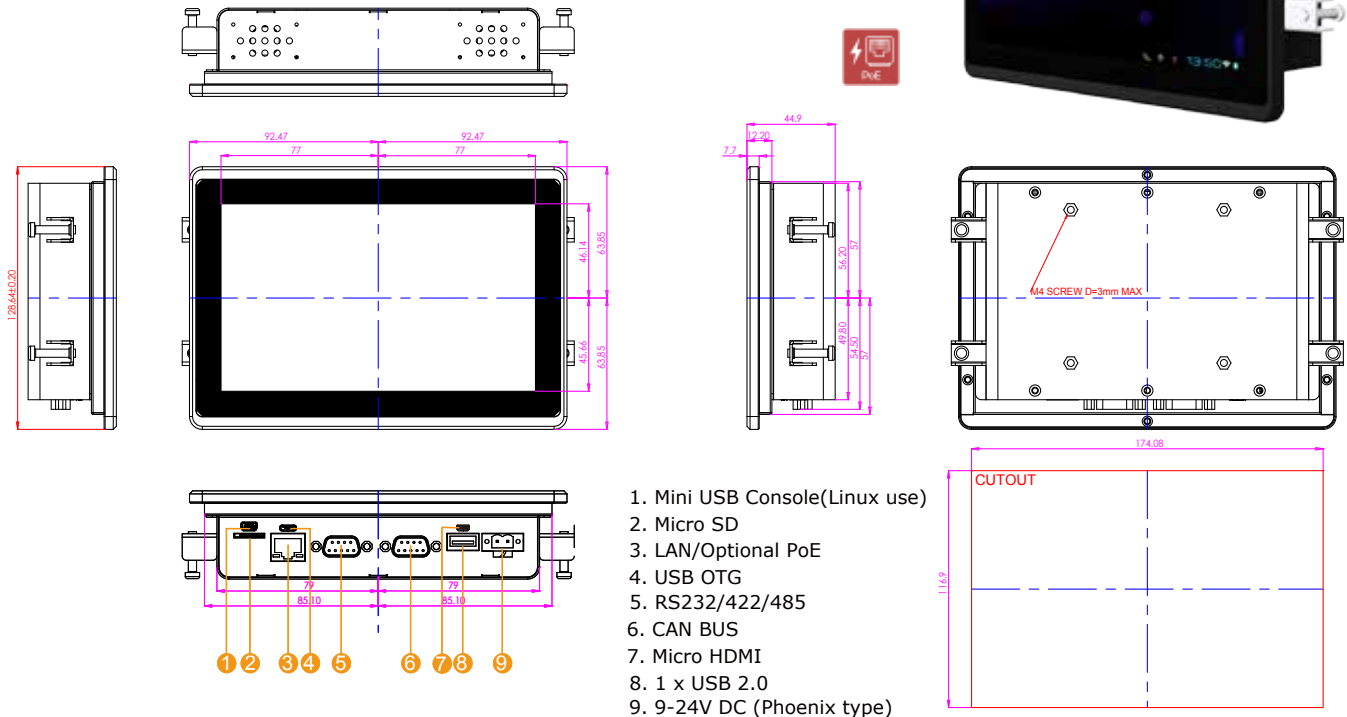


# Winmate E-Series HMI

7" E-Series HMI with Freescale i.MX6

W07FA3S-EHT1

- 7" 1024 x 600 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Freescale Cortex A9 i.MX6 Dual Core 1GHz
- Fanless cooling system and Ultra-low power consumption
- Front IP65 Water and Dust Proof
- 1 x USB ; 1 x RS232 /422/485; 1 x CAN BUS; 1 x Micro SD Slot ; 1 x Micro HDMI; 1 x OTG
- Support PoE function (Optional)



## Specifications

### System :

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

### Input / Output :

- USB Ports : 1 x USB 2.0 host, 1 x USB OTG
- COM port : 1 x RS232 (Optional 422/485)
- HDMI port : 1 x Micro HDMI
- CANBUS : 1 x CANBUS
- Ethernet : 1 x RJ45, 10/100/1000  
LAN Support Optional PoE function
- SD Slot : 1 x Micro SD Card Slot
- Debug : 1 x Mini USB to Debug

### Power Specifications :

- Power Input : 9-24V DC
- Optional Power Over Ethernet : Support PoE (optional), Power Device (PD): follows IEEE 802.3at (25 W)

### Display Spec :

- Size/Type : 7" TFT (Widescreen)
- Resolutions : 1024x600
- Brightness : 320cd/m (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angle : -70~70(H); -50~60(V)
- Max Colors : 16.7M (8bit)
- Touch : Projected Capacitive Multi-Touch (P-CAP)

### Mechanical Specification :

- Cooling System : Fanless design
- Mounting : VESA Mount(75x75mm), Mounting clips x 4
- Dimension (W x H x D) : 184.94 x 127.7 x 44.9 (mm)
- Design : Panel Mount Front IP65 Design

### Environment Considerations :

- Operating Temperature : -10 deg.C to 50 deg.C
- Operating Humidity : 10% to 90% (non-condensing)

### OS/BSP Driver Support :

- Operation System : Android 6.0 (Default)  
: Ubuntu 16.04 (Optional)  
: Linux Kernel 4.1.15, QT 5.5 Browser (Optional)

