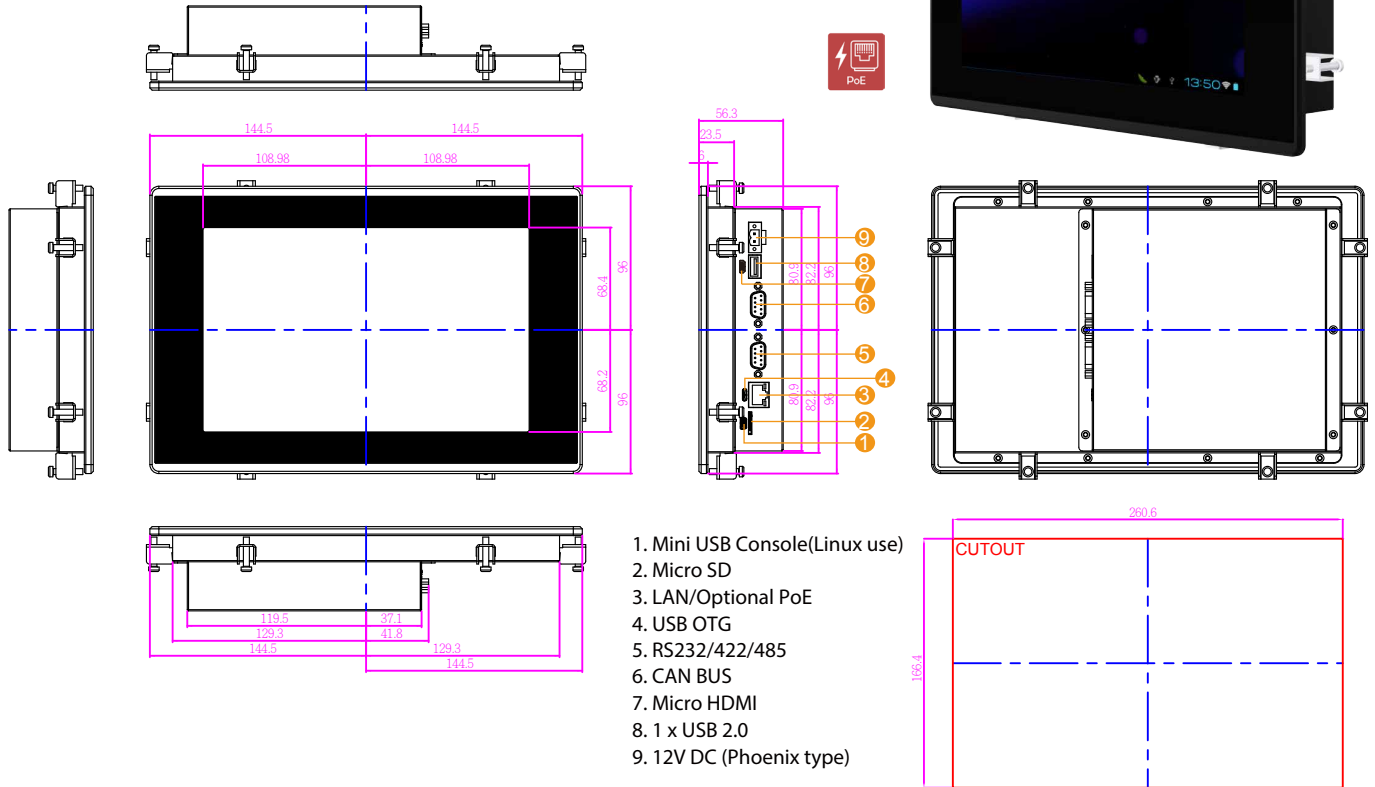


# Winmate E-Series HMI

10.1" E-Series HMI with Freescale i.MX6

W10FA3S-EHH2

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Freescale Cortex A9 i.MX6 Dual Core 1GHz
- Fanless cooling system and Ultra-low power consumption
- Support PoE function (Optional)
- 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
- Optional for high brightness panel up to 800 nits



## 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 : 12V DC
- Optional Power Over Ethernet : Support PoE (optional), Power Device (PD): follows IEEE 802.3at (25 W)

### Display Spec

- Size/Type : 10.1" TFT (Widescreen)
- Resolutions : 1280 x 800
- Brightness : 350 cd/m (typ.)
- Contrast Ratio : 800:1 (typ.)
- Viewing Angle : -85~85 (H); -85~85(V)
- Max Colors : 16.7M (8bit)
- Touch : Projected Capacitive Multi-Touch (P-CAP)

### Mechanical Specification

- Cooling System : Fanless design
- Mounting : Mounting clips x 8
- Dimension (W x H x D) : 293.6 x 199.2 x 62.3 (mm)
- Cutout Dimensions (W x D) : 260.6 x 166.4 (mm)

### Environment Considerations

- Operating Temperature : 0 deg.C to 50 deg.C
- Operating Humidity : 10% to 90% (non-condensing)

### OS BSP Driver Support

- Operation System : Android 4.4 (Default)  
: Ubuntu 16.04 (Optional)  
: Linux Kernel 3.0.35,QT 5.4 Browser (Optional)

