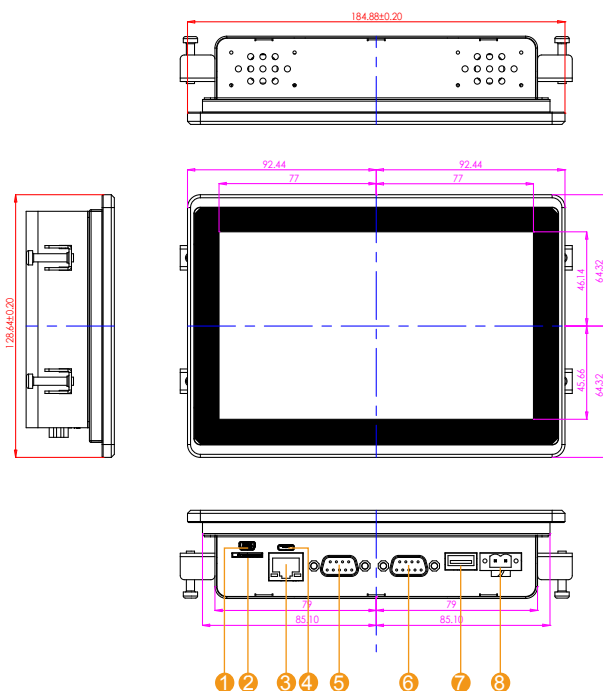


# Winmate E-Series HMI

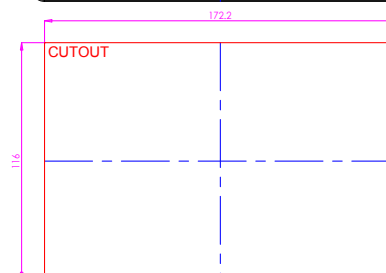
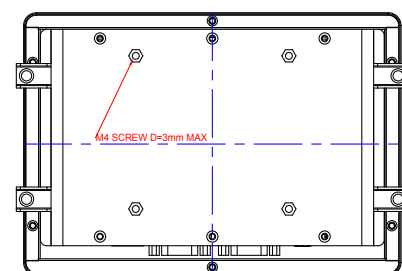
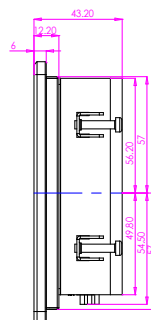
7" E-Series HMI with Freescale i.MX6

W07FA3S-EHT1

- 7" 1024 x 600 Resolution with P-Cap Multi-touch screen
- 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
- Optional for high brightness panel up to 800 nits



1. Mini USB Console(Linux use)
2. Micro SD
3. LAN/Optional PoE
4. USB OTG
5. RS232/422/485
6. CAN BUS
7. 1 x USB 2.0
8. 12V DC in (Phoenix type)



## 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)
- 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 in
- Optional Power Over Ethernet : Support PoE (optional), requires IEEE 802.3at 25W power input

### Display Spec :

- Size/Type : 7" TFT (Widescreen)
- Resolutions : 1024x600
- Brightness : 320cd/m (typ.) Optional 800cd/m (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angle : -70~70(H); -50~60(V)
- Max Colors : 16.7M (8bit)
- Touch : Projective-Capacitive Touch

### Mechanical Specification :

- Cooling System : Fanless design
- Mounting : VESA Mount(75x75mm), Mounting clips x 4
- Dimension (W x H x D) : 184.8 x 128.6 x 50.2 (mm)
- Cutout Dimensions (W x D) : 172.2 x 116 (mm)

### Environment Considerations :

- Operating Temperature : -25 deg.C to 65 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)

