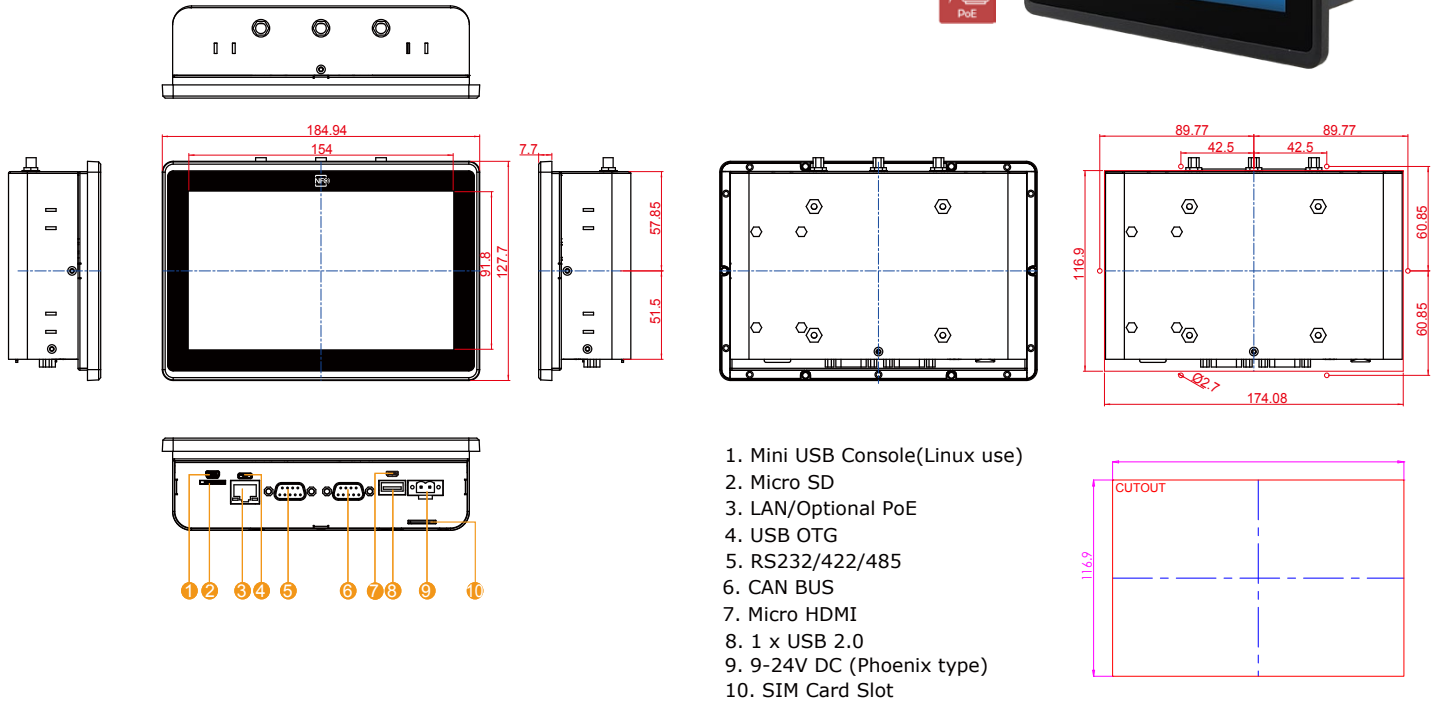


Winmate E-Series HMI

7" E-Series HMI with Freescale i.MX6

W07FA3S-EHT1

- 7" 1024 x 600 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- NXP 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 (Optional); 1 x OTG
- Support PoE function (Optional)



1. Mini USB Console(Linux use)
2. Micro SD
3. LAN/Optional PoE
4. USB OTG
5. RS232/422/485
6. CAN BUS
7. Micro HDMI
8. 1 x USB 2.0
9. 9-24V DC (Phoenix type)
10. SIM Card Slot

Specifications

System

- Processor : NXP 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 (Optional)
- 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 : Support PoE (optional), Power Device (PD)
- Over Ethernet : follows IEEE 802.3at (25 W)

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)

Display Spec

- Size/Type : 7" TFT (Widescreen)
- Resolutions : 1024x600
- Brightness : 320cd/m (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angle : -70~75(H); -75~75(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

Wireless Communication

- WLAN : 802.11 a/b/g/n
- Bluetooth : Bluetooth 4.0
- WWAN : LTE.HSPA+, GSM/GPRS/EDGE.EV-DO Rev A, 1xRTT
- NFC : Contactless protocols: Peer-to-peer, Full ISO 18092 (up to 424 Kbits/s) Reader/ Writer, ISO 14443-A-B, MIFARE, FeliCa, NFC Forum tags, ISO 15693

