# HMI Panel PC

## Model:W07FA3S-IPA3HM

Front IP65

Fanless

PoE

IP65/ NEMA4

SCIENCE GATE
Your Automation Partner
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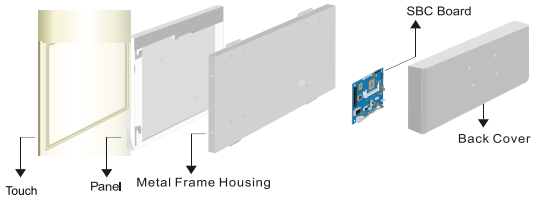
## Product Features:

- 7" 1024 x 600 TFT LCD with resistive touch screen
- Freescale Cortex A9 i.MX6 Dual Core 1GHz (Optional Quad Core)
- Onboard LPDDR3 1 GB (Optional for 2GB)
- Onboard 16GB eMMC Flash
- 1 x USB 2.0; 1 x RS-232/422/485; 1 x Micro SD Slot, 1 x Mini USB, 1 x Micro HDMI
- PoE function (Optional)
- Fanless and Ultra-low power consumption

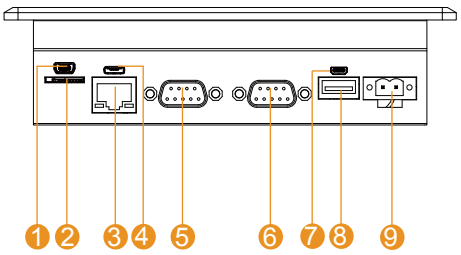
## Product Specifications:

| | | |
|---|---|---|
| System Specification | Processor | Freescale Cortex A9 i.MX6 Dual Core 1GHz (Optional Quad Core) |
| | Memory | 1GB LPDDR3 (Optional for 2 GB) |
| | Storage | Onboard 16GB eMMC (Default)<br>Micro SD card |
| | Operating System | Android 4.4 (Default)<br>Linux 4.1.15 , QT 5.5 (Optional)<br>Ubuntu 16.04 (Optional) |
| Display Specification | Size/Type | 7" TFT(LED Backlight) |
| | Resolution (pixels) | 1024 x 600 |
| | Brightness (cd/m2) | 250 cd/m$^2$ |
| | Touch interface | Resistive Touch |
| Input / Output | Serial Interface | 1 x RS-232/422/485 |
| | USB Port | 1 x USB 2.0, 1 x USB OTG |
| | Ethernet Port | 1 x RJ45, 10/100/1000 LAN<br>(Supports PoE function) |
| | SD Card | 1 x Micro SD Card Slot |
| | CANBUS | 1 x CANBUS |
| | Power Input | 1 x Terminal Block 2 Pin (Phoenix Type) |
| | Console | 1 x Mini USB |
| | Micro HDMI | 1 x Micro HDMI |
| Power | Power Input | 12V DC<br>Support PoE (Optional)<br>Power Device (PD): follows IEEE 802.3at (25 W) |
| | Power consumption | 10W |
| Environment | Operating Temperature | 0 deg.C to 50 deg.C |
| | Storage Temperature | -10 deg.C to 60 deg.C |
| | Humidity | 10% to 90% (non-condensing) |

## Mechanical Design:

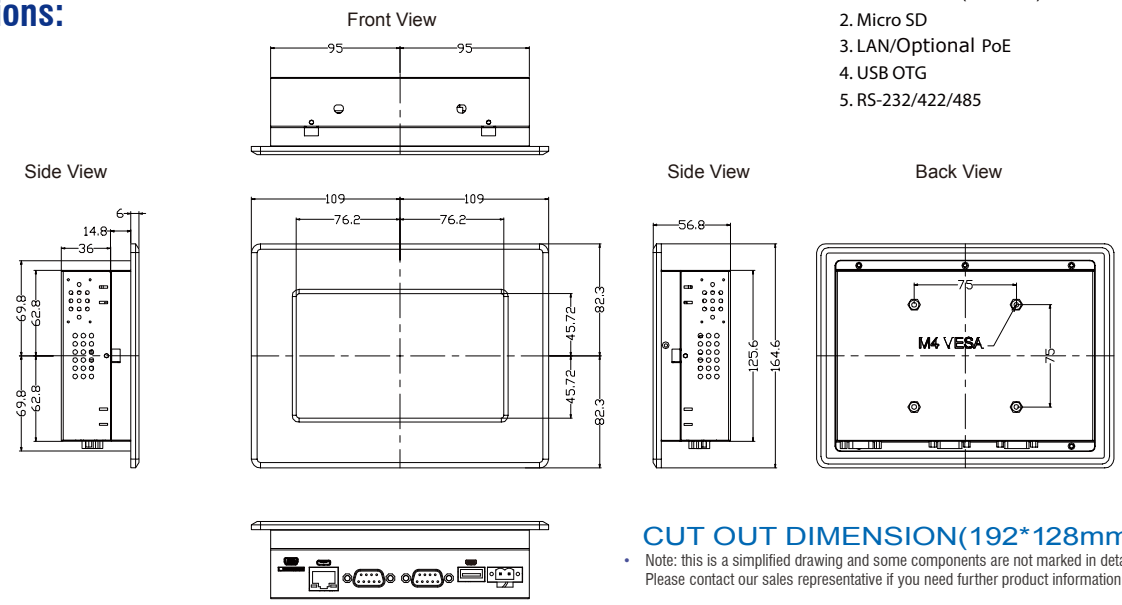



## I / O View:




1. Console Port (Mini USB)
2. Micro SD
3. LAN/Optional PoE
4. USB OTG
5. RS-232/422/485
6. CANBUS
7. Micro HDMI
8. 1 x USB 2.0
9. 12V DC (2pin Phoenix type)

## Dimensions:




CUT OUT DIMENSION(192*128mm)

- Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information