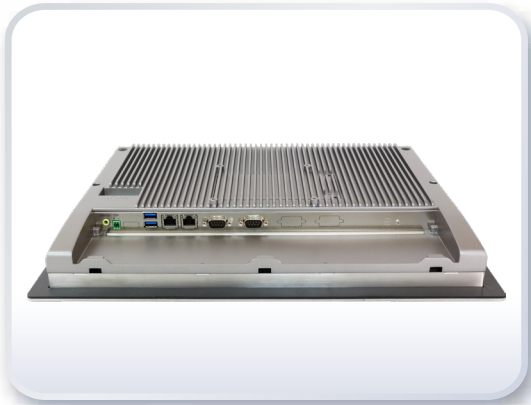




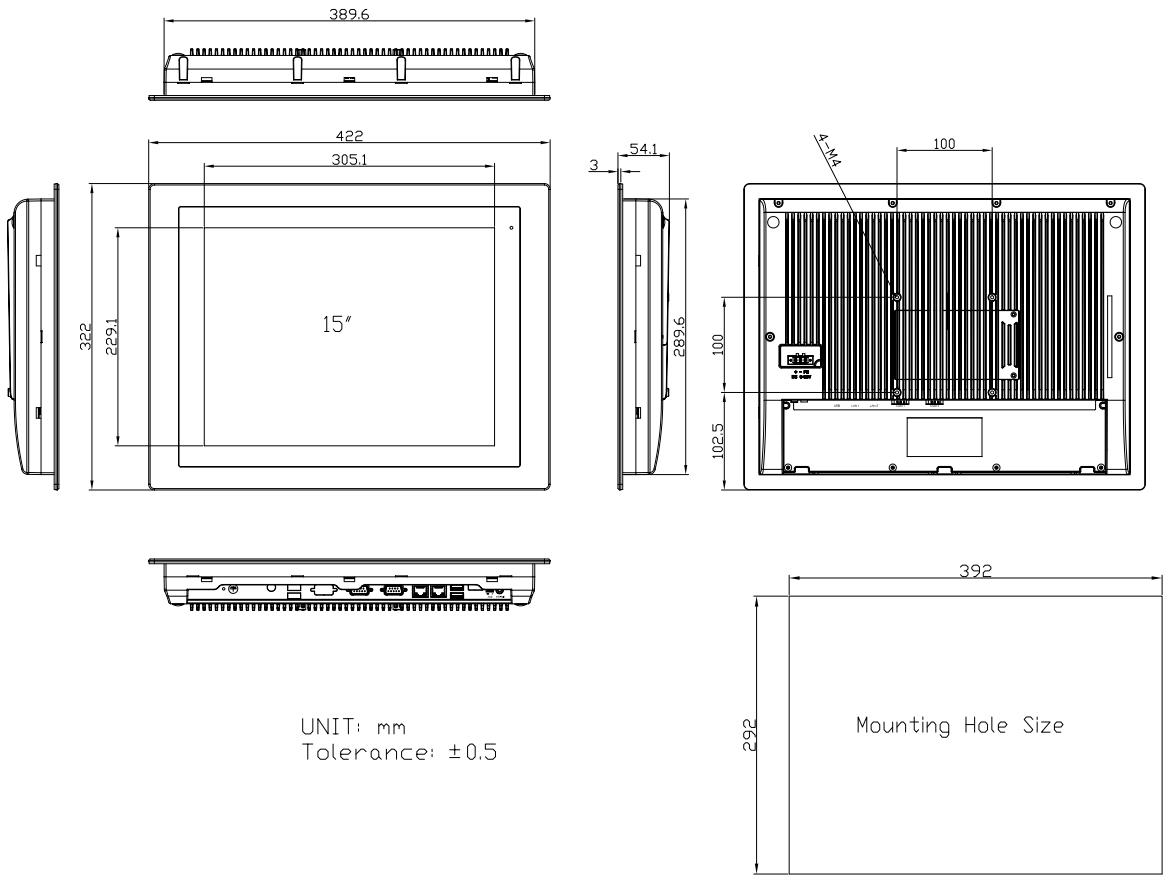
Features

- 15" Food Industrial Panel PC
- 6th Gen. Intel Core i3/i5 Processors
- DDR4 SO-DIMM Socket
- Flat and Stainless Steel Front Panel Design
- Fanless Design
- Wide Range DC 9~36V Power Input

Specifications

| System                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| CPU                            | Onboard 6th Gen Intel Core i3-6100U Processor(3M Cache, 2.30 GHz) / Intel Core i5-6300U Processor(3M Cache, 2.30 GHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
| System Chipset                 | SoC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |
| Memory                         | 1 x DDR4 SO-DIMM Socket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |
| IO Port                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |
| USB                            | 2 x USB 3.0 type A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |
| Serial / Parallel              | 1 x RS-232/422/485 DB-9, default RS-232 (COM1)<br>1 x RS-232 DB-9 (COM2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |
| LAN                            | 2 x GbE LAN RJ-45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |
| Audio                          | 1 x Line Out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |
| Power                          | 1 x 3-pin Terminal Block Connector<br>1 x 2-pin Power Switch Connector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |
| Option                         | VESA Stand<br>4G LTE/Wi-Fi/BT<br>4 x USB 2.0 (TB-528U4)<br>4 x USB 2.0 + 1 x Mini PCIe + 1 x SIM slot (TB-528U4ME1)<br>2 x COM (RS-232) (TB-528C2)<br>1 x COM (RS-232) + 2 x USB 2.0 (TB-528C1U2)<br>1 x COM (RS-232) + 2 x USB 2.0 + 1 x Power Button (TB-528C1U2P1)<br>2 x COM (RS-232) + 1 x Mini PCIe slot + 1 x SIM slot (TB-528C2ME1)<br>2 x COM (RS-422/485, isolated) (TB-528C2I)<br>2 x CAN (TB-528CAN2)<br>1 x LAN + 2 x USB 2.0 (TB-528E1U2)<br>1 x LAN(45W isolated PoE PD) + 2 x USB 2.0 type A (TB528E1U2UPOE)*<br>Backup Battery 21W/10.8V/1.95Ah(3S1P)<br>System is only allowed to build in either TB-528 PoE series or backup battery |                          |
| Storage Space                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |
| HDD/SSD                        | 1 x 2.5" SATA HDD space (Easily Accessible)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |
| Expansion                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |
| Expansion Slot                 | 1 x Mini-PCIe (full size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |
| Dispalay                       | Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | High Brightness Optional |
| Display Type                   | 15" TFT-LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15" TFT-LCD              |
| Max. Resolution                | 1024 x 768                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1024 x 768               |
| Max. Color                     | 16.2M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16.7M                    |
| Luminance (cd/m <sup>2</sup> ) | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1000                     |
| View Angle                     | 176(H) /176(V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 176(H) /176(V)           |
| Contrast                       | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 800:1                    |
| Backlight Lifetime             | 70,000 hrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70,000 hrs               |
| Touch Screen                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |
| Type                           | Projected Capacitive Touch (for AP model)<br>Resistive Touch (for AR model)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |
| Interface                      | USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |
| Light Transmission(%)          | Resistive Touch: 80%<br>Projected Capacitive: 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |

Dimensions



UNIT: mm  
Tolerance: ±0.5

| Power                    |                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Input              | DC 9~36V                                                                                                                                                                                           |
| Power Consumption        | FABS-915AP: 48W (MAX)                                                                                                                                                                              |
| Mechanical               |                                                                                                                                                                                                    |
| Construction             | 304 Stainless Steel Front Bezel (default)<br>316 Stainless Steel Front Bezel (for option)<br>Aluminum Die-casting Back Cover                                                                       |
| Mounting                 | Panel Mount, VESA Mount 100 x 100                                                                                                                                                                  |
| IP Rating                | IP66/IP69K Compliant Front Bezel                                                                                                                                                                   |
| Dimensions               | 422 x 322 x 54.1 mm                                                                                                                                                                                |
| Net Weight               | 5.2 kg                                                                                                                                                                                             |
| Environmental            |                                                                                                                                                                                                    |
| Operating Temperature    | 0~50°C/ -20~60°C (option)                                                                                                                                                                          |
| Storage Temperature      | -30~70°C                                                                                                                                                                                           |
| Humidity                 | 10 to 90%@ 40°C, non-condensing                                                                                                                                                                    |
| Certificate              | CE/FCC Class A<br>EN 1672-2 Compliant for P Model (optional)                                                                                                                                       |
| Operating System Support |                                                                                                                                                                                                    |
| Windows 10 IoT           |                                                                                                                                                                                                    |
| Ordering Information     |                                                                                                                                                                                                    |
| FABS-915AR/P (Barebone)  | 15" XGA fanless HMI barebone with Intel 6th Corei3-6100U CPU, DDR4 SO-DIMM Socket, Resistive / Projected Capacitive touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis |

\*PoE limitation: CPU turbo off, rear I/O no loading, 70% LED backlight, PSE cable length < 50m