



## Features

- 15" Industrial Compact Size Panel PC
- 8th Gen. Intel Core i3/i5, CPU built-in
- 1 x 260-pin SO-DIMM DDR4 slot, up to 32GB 2400MHz
- Flat Front Panel Touch Screen with IP66 Front Bezel
- Fanless Design
- DC 9~36V Wide-Ranging Power Input
- Support Expansion via Full-size Mini PCIe and M.2 slots
- Support TPM2.0 Hardware Security
- High Brightness 1,000 nits for option

## Specifications

| System         |  |
|----------------|--|
| CPU            | Onboard 8th Gen Intel Corei3-8145UE Processor(2C/4T,2.2GHz)/ Intel Corei5-8365UE Processor(4C/8T,1.6GHz) |
| System Chipset | SoC  |
| Memory         | 1 x 260-pin SO-DIMM up to 32GB DDR4 2400MHz  |

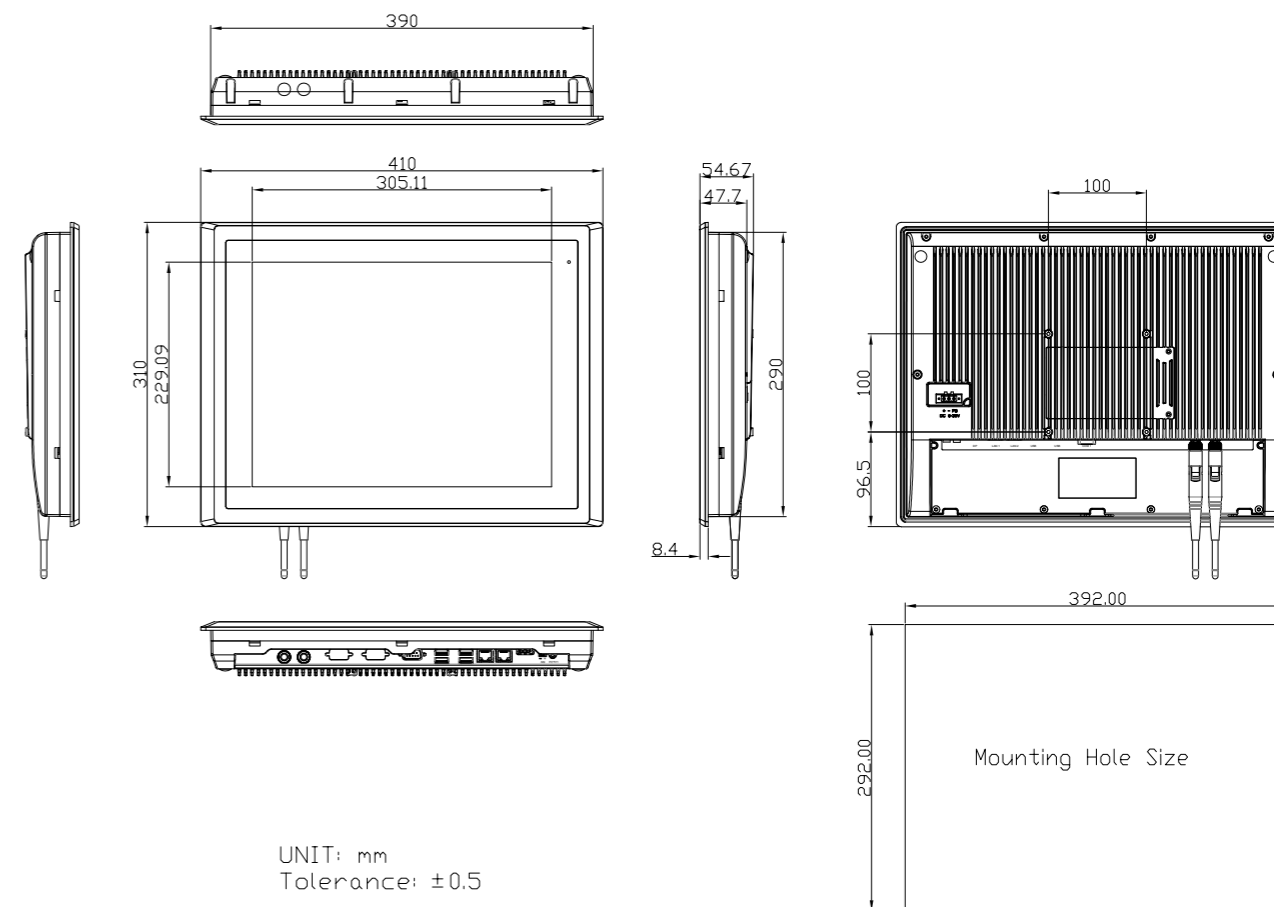
| I/O Port |  |
|----------|--|
| USB      | 4 x USB 3.0 type A   |
| Serial   | 1 x DB-9 Connector, Including:<br>* 1 x RS-232(RTS, Rx, Tx, CTS), pin1 RTS/5V/12V selectable via jumper (COM1)<br>* 1 x RS-232(Tx, Rx)/ 422/485(COM2) by Y Cable   |
| Audio    | 1 x Audio Line Out   |
| DP       | 1 x DP Port  |
| LAN      | 2 x GbE LAN RJ-45  |
| Power    | 1 x 3-pin Terminal Block Connector<br>1 x 2-pin Power Switch Connector   |
| Option   | VESA Stand<br>4G LTE<br>WiFi 4/5/6+ BT<br>4 x USB 2.0 type A (TB-528U4)<br>4 x USB 2.0 type A + 1 x Mini-PCle + 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-PCle 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 type A (TB-528E1U2)<br>Backup Battery 21W/10.8V/1.95Ah(3S1P) |

| Storage Space |  |
|---------------|--|
| Storage       | 1 x M.2 M Key slot<br>(Support PCIe/SATA; 2242/2280, Default 2242) |

| Expansion             |  |
|-----------------------|--|
| Onboard expansion bus | 1 x Mini-PCle slot (full size)<br>1 x Nano SIM Card Holder |

| Display                        | 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               |

## Dimensions



## Touch Screen

|                       |   |
|-----------------------|---|
| Type                  | Resistive Touch (for BR Model)<br>Projected Capacitive Touch (for BP Model) |
| Interface             | USB   |
| Light Transmission(%) | Resistive Touch: 80%<br>Projected Capacitive Touch: 90%                     |

## Power

|                   |                         |
|-------------------|-------------------------|
| Power Input       | DC 9~36V                |
| Power Consumption | ARCHMI-915BP: 50W (MAX) |

## Mechanical

|                    |                              |
|--------------------|------------------------------|
| Construction       | Aluminum Die-casting Chassis |
| Mounting           | Panel Mount, VESA 100 x 100  |
| Dimensions (WxHxD) | 410 x 310 x 54.67 mm         |
| IP Rating          | IP66 Compliant Front Bezel   |
| Net Weight         | 4.4 kg                       |

## Environmental

|                       |                                 |
|-----------------------|---------------------------------|
| Operating Temperature | 0~50°C / -20~60°C (option)      |
| Storage Temperature   | -30~70°C                        |
| Humidity              | 10 to 95%@ 40°C, non-condensing |
| Certificate           | CE / FCC, Class A               |

## Operating System Support

|           |
|-----------|
| Win10 IoT |
|-----------|