

## Features

- 17" Industrial Compact Size Panel PC
- Intel 6th Gen. Core i3(standard) / i5(option) CPU built-in
- 1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz
- Flat Front Panel Touch Screen
- Fanless Design
- DC 9~36V Wide-Ranging Power Input
- Optional Projected Capacitive Touch Screen Support 7H Anti-Scratch Surface
- High Brightness 1,000 nits for Option

## Specifications

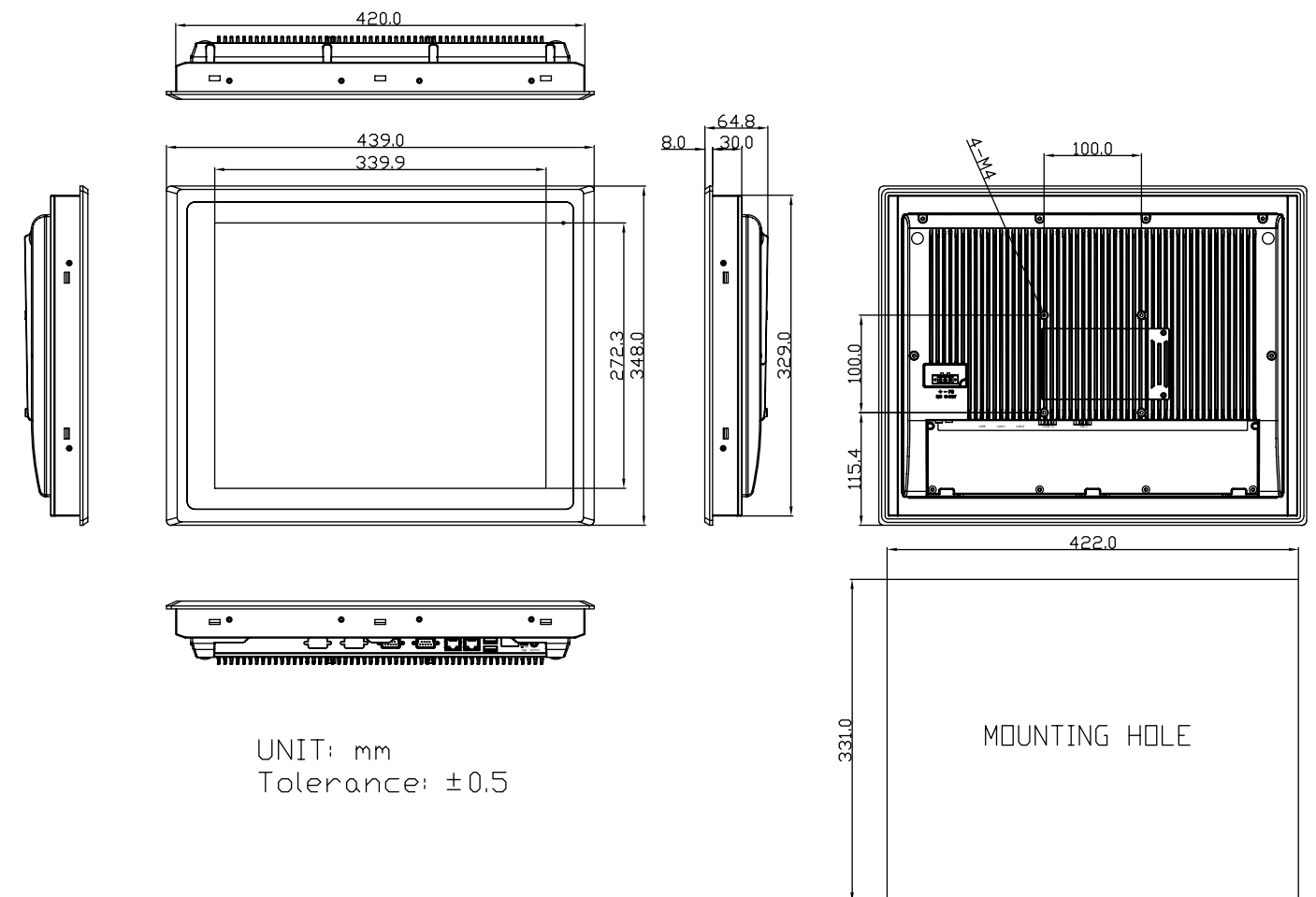
| System            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU               | Onboard 6th Gen. Intel Core i3/i5(option) Processors                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| System Chipset    | SoC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Memory            | 1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| I/O Port          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| USB               | 2 x USB 3.0 type A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Serial / Parallel | 1 x DB-9 RS-232/422/485, COM1 (Default RS-232)<br>1 x RS-232 DB-9, COM2                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Audio             | 1 x Audio Line Out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LAN               | 2 x GbE LAN RJ-45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power             | 1 x 3-pin DC power input terminal<br>1 x 2-pin connector for power on/off                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Option            | VESA Stand<br>4G LTE/Wi-Fi/BT<br>4 x USB 2.0 type A (TB-528U4)<br>4 x USB 2.0 type A + 1 x Mini PCIe + 1 SIM slot (TB-528U4ME1)<br>1 x COM + 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) (TB-528C2)<br>2 x COM (RS-232) + 1 x Mini PCIe slot + 1 x SIM slot (TB-528C2ME1)<br>2 x COM (RS-232/485, isolated) (TB-528C2I)<br>2 x CAN (TB-528CAN2)<br>1 x LAN + 2 x USB 2.0 (TB-528E1U2)<br>UPS Battery 21W/10.8W/1.95Ah (3S1P) |

| Storage Space  |                                                      |
|----------------|------------------------------------------------------|
| HDD            | 1 x 2.5" SATA HDD bay for SATA HDD (Easy Accessible) |
| Expansion      |                                                      |
| Expansion Slot | 1 x Internal Mini-PCIe slot full size                |

| Display                        | Standard        | High Brightness Optional |
|--------------------------------|-----------------|--------------------------|
| Display Type                   | 17" TFT LCD     | 17" TFT LCD              |
| Max. Resolution                | 1280 x 1024     | 1280 x 1024              |
| Max. Color                     | 16.2M           | 16.7M                    |
| Luminance (cd/m <sup>2</sup> ) | 350             | 1000                     |
| View Angle                     | 170(H) / 160(V) | 170(H) / 160(V)          |
| Contrast                       | 1000:1          | 1000:1                   |
| Backlight Lifetime             | 30,000 hrs      | 50,000 hrs               |

| Touch Screen          |                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Type                  | Resistive Touch (for AR Model) / Projected Capacitive Touch (for AP Model) / Glass (for AG model) |
| Interface             | USB                                                                                               |
| Light Transmission(%) | Resistive Touch: over 80%<br>Projected Capacitive Touch: over 90%                                 |

## Dimensions



| Power             |                         |
|-------------------|-------------------------|
| Power Input       | DC 9~36V                |
| Power Consumption | ARCHMI-917AR: 54W (MAX) |

| Mechanical         |                                                           |
|--------------------|-----------------------------------------------------------|
| Color              | RAL 9007                                                  |
| Construction       | Aluminum front bezel/ Aluminum die-casting for back cover |
| Mounting           | Panel Mount, VESA 100 x 100                               |
| Dimensions (WxHxD) | 439 x 348 x 64.8 mm                                       |
| IP Rating          | IP66 Compliant Front Bezel                                |
| Net Weight         | 6.3 kg                                                    |

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

| Operating System Support |  |
|--------------------------|--|
| Windows 10 IoT           |  |

| Ordering Information |                                                                                                                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ARCHMI-917AR         | 17" SXGA fanless HMI barebone with Intel 6th Gen. Core i3-6100 CPU, 1 x SO-DIMM(260pins), Up to 16GB DDR4 2133MHz, Resistive touch screen, 9~36VDC input with adapter, Aluminum chassis.            |
| ARCHMI-917AP         | 17" SXGA fanless HMI barebone with Intel 6th Gen. Core i3-6100 CPU, 1 x SO-DIMM(260pins), Up to 16GB DDR4 2133MHz, Projected Capacitive touch screen, 9~36VDC input with adapter, Aluminum chassis. |