



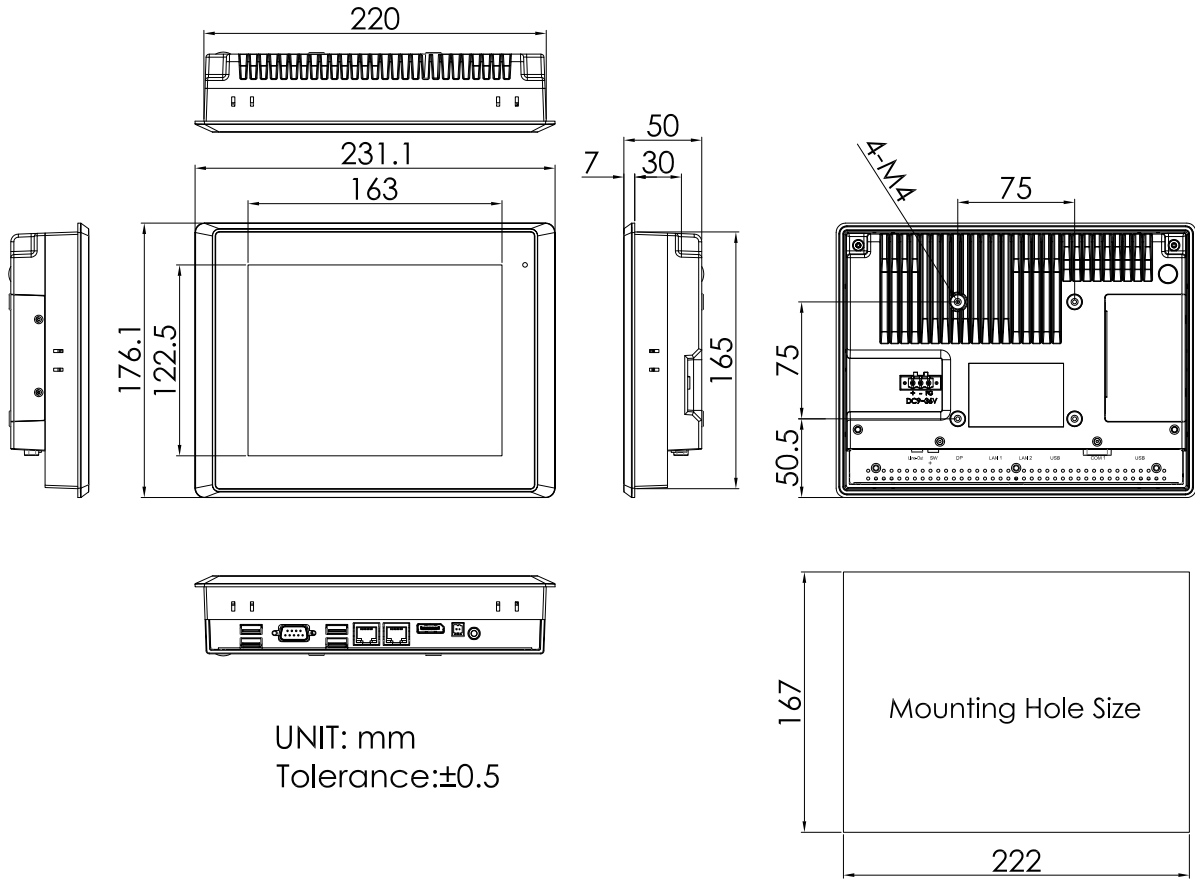
Features

- 8" Industrial Compact Size Panel PC
- Intel Celeron J6412 Processor
- 1 x 260-pin SO-DIMM DDR4 slot, up to 32GB 3200MHz
- Flat Front Panel Touch Screen with IP66 Front Bezel
- Support Expansion via Full-size Mini-PCle and M.2 slots
- Support TPM2.0 Hardware Security
- DC 9~36V Wide Range Power Input
- High Brightness 1,000 nits for option

Specifications

| System                         |                                                                                                                     |                          |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------|
| CPU                            | Intel Celeron J6412 Processor (2.0 GHz, 1.5MB L2 cache)                                                             |                          |
| System Chipset                 | SoC                                                                                                                 |                          |
| Memory                         | 1 x 260-pin SO-DIMM up to 32GB DDR4 3200MHz                                                                         |                          |
| TPM                            | TPM 2.0                                                                                                             |                          |
| I/O Port                       |                                                                                                                     |                          |
| USB                            | 2 x USB 3.2 Gen2 type A<br>2 x USB 2.0 type A                                                                       |                          |
| Serial / Parallel              | 1 x RS-232/422/485 (Default RS-232; select via BIOS)                                                                |                          |
| Audio                          | 1 x Line-out                                                                                                        |                          |
| LAN                            | 2 x 2.5GbE LAN RJ-45 (I226)                                                                                         |                          |
| DP                             | 1 x DP, support DP++                                                                                                |                          |
| Power                          | 1 x 3-pin Terminal Block Connector<br>1 x 2-pin Power Switch Connector                                              |                          |
| Option                         | VESA Stand<br>4G LTE/Wi-Fi/Bluetooth<br>Auto Dimming                                                                |                          |
| Storage Space                  |                                                                                                                     |                          |
| Storage                        | 1 x M.2 B-Key slot (Support SATA3; 2242/2280, Default 2242)<br>* 2280 and 2.5" SSD are exclusive with TB-528 series |                          |
| Expansion                      |                                                                                                                     |                          |
| Onboard Expansion Bus          | 1 x Mini-PCle slot (full size)<br>1 x M.2 E-key<br>1 x Nano SIM Card holder                                         |                          |
| Dispalay                       | Standard                                                                                                            | Optional High Brightness |
| Display Type                   | 8" TFT-LCD                                                                                                          | 8" TFT-LCD               |
| Max. Resolution                | 800 x 600                                                                                                           | 800 x 600                |
| Max. Color                     | 16.2M                                                                                                               | 16.2M                    |
| Luminance (cd/m <sup>2</sup> ) | 450                                                                                                                 | 1000                     |
| View Angle                     | 140(H) / 130(V)                                                                                                     | 140(H) / 130(V)          |
| Contrast                       | 500:1                                                                                                               | 500:1                    |
| Backlight Lifetime             | 40,000 hrs                                                                                                          | 20,000 hrs               |
| 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-808BP/R: 32W                                                                                                 |                          |

Dimensions



| Mechanical                     |                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction                   | Aluminum Die-casting Chassis                                                                                                                                               |
| Mounting                       | Panel Mount, VESA 75 x 75                                                                                                                                                  |
| Dimensions (WxHxD)             | 231.1 x 176.1 x 50 mm                                                                                                                                                      |
| IP Rating                      | IP66 Compliant Front Bezel                                                                                                                                                 |
| Net Weight                     | 1.8 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 B/UL                                                                                                                                                          |
| Operating System Support       |                                                                                                                                                                            |
| Windows 10 IoT, Windows 11 IoT |                                                                                                                                                                            |
| Ordering Information           |                                                                                                                                                                            |
| ARCHMI-808BR                   | 8" SVGA fanless HMI barebone with Intel Celeron J6412 processor, 1 x DDR4 slot, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis.                     |
| ARCHMI-808BP                   | 8" SVGA fanless HMI barebone with Intel Celeron J6412 processor, 1 x DDR4 slot, Projected Capacitive touch, 9~36V DC input with adapter, Aluminum chassis.                 |
| ARCHMI-808BR(H)                | 8" high brightness SVGA fanless HMI barebone with Intel Celeron J6412 processor, 1 x DDR4 slot, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis.     |
| ARCHMI-808BP(H)                | 8" high brightness SVGA fanless HMI barebone with Intel Celeron J6412 processor, 1 x DDR4 slot, Projected Capacitive touch, 9~36V DC input with adapter, Aluminum chassis. |