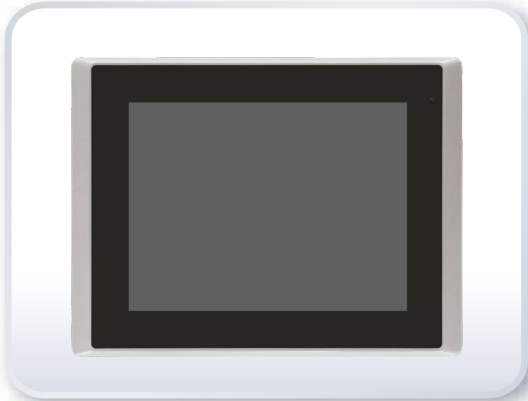




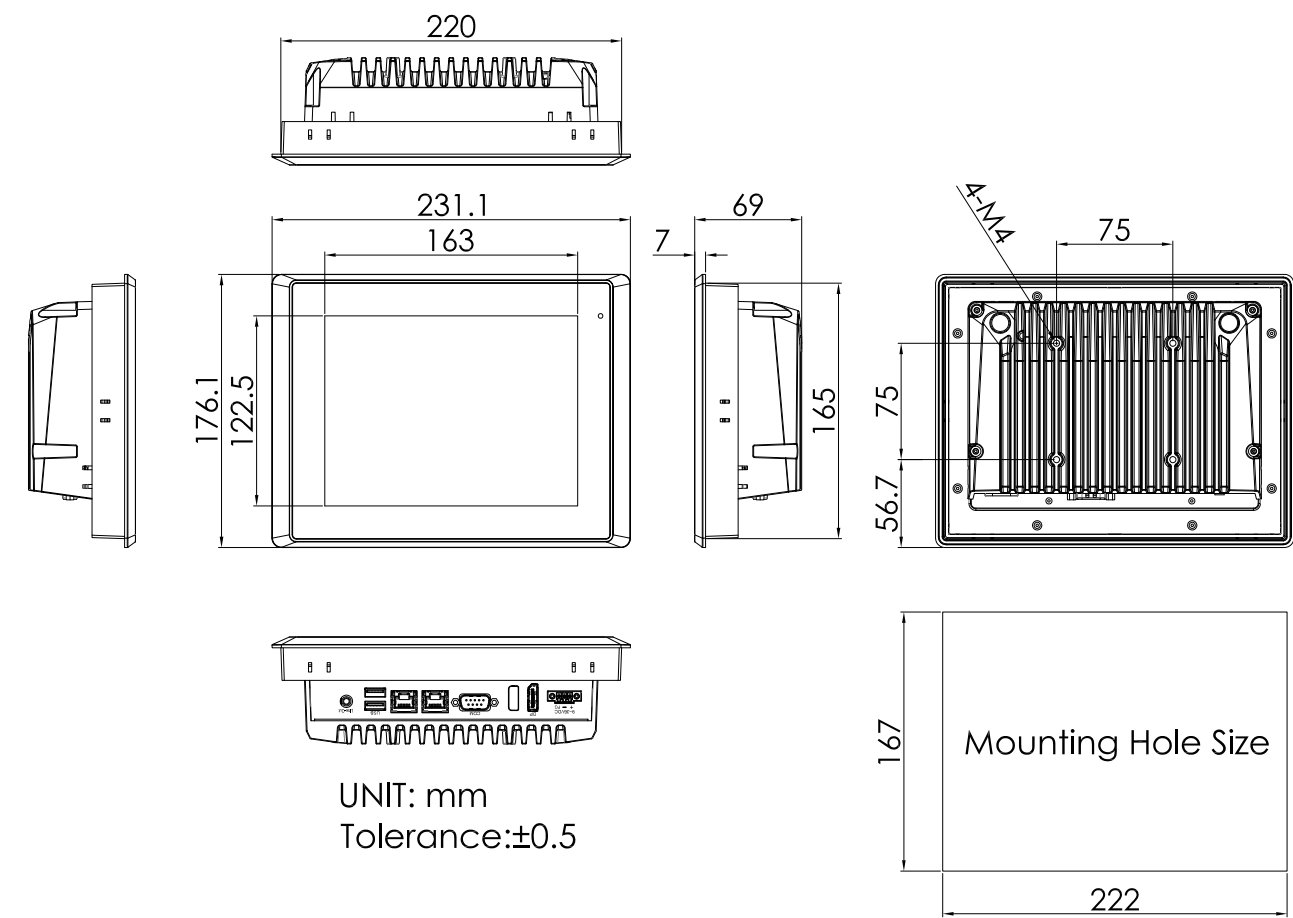
Features

- 8" Industrial Compact Size Panel PC
- Intel Celeron J6412 Processor
- Support 1 x DDR4 3200MHz SO-DIMM, Up to 32GB
- IP66 Compliant Aluminum Front Bezel
- Support Resistive touch screen and Projected Capacitive Multi-touch screen
- Support Auto-Dimming (for option)
- Support High Brightness LCD Version
- Fanless Design
- DC 9~36V Wide Range Power Input

Specifications

| System                         |                                                                                                                                          |                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| CPU                            | Intel Celeron J6412 Quad Core Processor, 4C/4T, 2.00GHz, TDP is 10W                                                                      |                        |
| System Chipset                 | SoC                                                                                                                                      |                        |
| Memory                         | 1 x DDR4 3200MHz SO-DIMM, up to 32GB                                                                                                     |                        |
| BIOS                           | AMI UEFI                                                                                                                                 |                        |
| I/O Port                       |                                                                                                                                          |                        |
| USB                            | 2 x USB 3.2 Type A                                                                                                                       |                        |
| Serial / Parallel              | 1 x DB9 RS-232/422/485 (COM1, BIOS selection)                                                                                            |                        |
| Audio                          | 1 x Line-out                                                                                                                             |                        |
| Display                        | 1 x DisplayPort 1.4: Up to 4096 x 2160@60Hz                                                                                              |                        |
| LAN                            | 1 x RJ45 Type Intel I210AT 1GbE LAN<br>1 x RJ45 Type Intel I225LM/I226LM 2.5GbE LAN                                                      |                        |
| Power                          | 1 x Terminal Block Type, 9-36V DC Power input                                                                                            |                        |
| Storage Space                  |                                                                                                                                          |                        |
| HDD/SSD                        | 1 x M.2 M-Key 2242/2280 for SSD (SATA3)                                                                                                  |                        |
| Expansion                      |                                                                                                                                          |                        |
| Expansion slot                 | 1 x Mini-PCIe slot (full size, PCIe3.0 x1, USB2.0), with 1 x micro SIM slot<br>1 x M.2 E-Key 2230 for WiFi/BT module (USB2.0, PCIe3.0x1) |                        |
| Storage Space                  |                                                                                                                                          |                        |
| TPM                            | Onboard TPM2.0 SPI I/F TPM IC                                                                                                            |                        |
| Watchdog Timer                 | 1~255 sec (system)                                                                                                                       |                        |
| Wake on LAN                    | Support WOL                                                                                                                              |                        |
| Dispalay                       | Standard                                                                                                                                 | High Brightness by SKU |
| Display Type                   | 8" TFT-LCD                                                                                                                               | 8" TFT-LCD             |
| Max. Resolution                | 800 x 600                                                                                                                                | 800 x 600              |
| Max. Color                     | 262K                                                                                                                                     | 16.2M                  |
| Luminance (cd/m <sup>2</sup> ) | 450                                                                                                                                      | 1000                   |
| View Angle                     | 140(H)/130(V)                                                                                                                            | 140(H)/120(V)          |
| Contrast                       | 500:1                                                                                                                                    | 1000:1                 |
| Backlight Lifetime             | 40,000 hrs                                                                                                                               | 50,000 hrs             |
| Touch Screen                   |                                                                                                                                          |                        |
| Type                           | Resistive Touch (for BR Model)<br>Projected Capacitive Touch (for BP Model)                                                              |                        |
| Interface                      | USB                                                                                                                                      |                        |
| Light Transmission(%)          | Resistive Touch: 80% / Projected Capacitive Touch: 90%                                                                                   |                        |
| Power                          |                                                                                                                                          |                        |
| Power Input                    | DC 9~36V                                                                                                                                 |                        |
| Power Consumption              | ARCHMI-S-808BP/R: 31.32W(Max)                                                                                                            |                        |

Dimensions



| Mechanical                                                                                |                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction                                                                              | Aluminum Die-casting Chassis                                                                                                                                                  |
| Mounting                                                                                  | Panel Mount, VESA 75 x 75                                                                                                                                                     |
| IP Rating                                                                                 | IP66 Compliant Front Bezel                                                                                                                                                    |
| Dimensions (WxHxD)                                                                        | 231.1 x 176.1 x 69 mm                                                                                                                                                         |
| Net Weight                                                                                | 2.17kg                                                                                                                                                                        |
| Environmental                                                                             |                                                                                                                                                                               |
| Operating Temperature                                                                     | -20~60°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 Enterprise 2021 LTSC<br>Windows 11 (21H2) or later<br>Linux 18.04 or later |                                                                                                                                                                               |
| Ordering Information                                                                      |                                                                                                                                                                               |
| ARCHMI-S-808BP                                                                            | 8" SVGA fanless HMI barebone with Intel Celeron J6412 (2.0 GHz) CPU, 1 x DDR4 slot, Projected Capacitive touch, 9~36VDC input with adapter, Aluminum chassis.                 |
| ARCHMI-S-808BR                                                                            | 8" SVGA fanless HMI barebone with Intel Celeron J6412 (2.0 GHz) CPU, 1 x DDR4 slot, Resistive touch screen, 9~36VDC input with adapter, Aluminum chassis.                     |
| ARCHMI-S-808BPH                                                                           | 8" high brightness SVGA fanless HMI barebone with Intel Celeron J6412 (2.0 GHz) CPU, 1 x DDR4 slot, Projected Capacitive touch, 9~36VDC input with adapter, Aluminum chassis. |
| ARCHMI-S-808BRH                                                                           | 8" high brightness SVGA fanless HMI barebone with Intel Celeron J6412 (2.0 GHz) CPU, 1 x DDR4 slot, Resistive touch screen, 9~36VDC input with adapter, Aluminum chassis.     |