

# AFL4-W08-EHL

8" Fanless Panel PC with Intel® Celeron® Processor J6412



## Features

- » Intel® Elkhart Lake Platform
- » New narrow bezel design
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Support WiFi 6E and Bluetooth 5.2

## Specifications

|                                 |  |
|---------------------------------|--|
| <b>System</b>                   |  |
| CPU                             | Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10W   |
| Memory Ext.                     | Dual channel On board LPDDR4x 8G   |
| Storage                         | 128G eMMC (optional)   |
| <b>Communication</b>            |  |
| Wireless                        | IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT v5.0 (M.2 2230 A-key)   |
| <b>I/O Interface</b>            |  |
| Ethernet                        | 1 x 2.5GbE LAN via Intel® I225V  |
| Audio                           | AMP 1.2 W (internal speaker)   |
| Expansion                       | 1 x M.2 2242 M key (PCIe Gen3 x1 + SATA)   |
| Audio Codec                     | Realtek ALC888S  |
| <b>Power</b>                    |  |
| Input                           | 12V DC   |
| <b>Environment</b>              |  |
| Operating Temperature           | -10°C ~ 50°C   |
| Safety & EMC                    | CE/EMC, UKCA, FCC, RED (Class A)   |
| Humidity                        | 10% ~ 95%@40°C (non-condensing)  |
| Storage Temperature             | -20°C ~ 60°C   |
| <b>Physical Characteristics</b> |  |
| Color                           | Silver + Black   |
| Mounting                        | Wall, Stand, ARM, VESA 75  |
| Dimensions (LxWxH) (mm)         | 201.40 x 138.90 x 36.78  |
| <b>LCD</b>                      |  |
| Size                            | 8" (16:10)   |
| Resolution                      | 1280 x 800   |
| Brightness (cd/m2)              | 400 (cd/m <sup>2</sup> )   |
| Contrast Ratio                  | 700 : 1  |
| LCD Color                       | 16.7 M   |
| Pixel Pitch (mm)                | 0.135 x 0.135  |
| Viewing Angle (H-V)             | 170° / 170°  |
| Backlight MTBF                  | 30,000 hours   |
| <b>Touch</b>                    |  |
| Touch Screen                    | » Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves)<br>» Surface hardness: 7H |
| Touch Controller                | EETI EXC 81 Series   |

| Other Features |  |
|----------------|--|
| Audio          | 1 x AMP 1.2W (internal speaker)          |
| I/O Interface  |  |
| I/O Interface  | 1 x AT/ATX Switch                        |
|                | 1 x DC Input Jack                        |
|                | 1 x HDMI™ (up to 3840 x 2160 @30Hz)      |
|                | 1 x LAN (Intel® I225V 2.5GbE controller) |
|                | 1 x Power Switch                         |
|                | 1 x Reset Button                         |
|                | 2 x RS-232/422/485 (by DB9)              |
|                | 2 x USB 3.2 Gen2 (10Gb/s(Type A))        |
|                | 1 x USB2.0                               |
| OS Support     |  |
| OS Support     | Windows 10/11 IoT                        |
|                | Linux                                    |

## Ordering Information

|                        |   |
|------------------------|---|
| AFL4-W08-EHL-J1/8G-R10 | 8" 350cd/m² HD Fanless Panel PC with Intel® Celeron® Processor J6412 on-board Processor ,TDP 10W, 8GB LPDDR4x on-board , 802.11a/b/g/n/ac/ax WiFi&Bluetooth5.2 module, PCAP touch,R10 |
|------------------------|---|

## Packing List

|                   |                |
|-------------------|----------------|
| 1 x AFL4-W08-EHL  | 1 x Power Cord |
| 1 x Power Adapter | 1 x QIG        |