

# AFL4-W07-EHL

7" 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 |
| On-board Memory                 | on-board dual-channel 8GB LPDDR4x                                    |
| Storage                         | 1 x M.2 2242 M-key (PCIe Gen3 x1 or SATA)                            |
| <b>Communication</b>            |  |
| Wireless                        | 2T2R Wi-Fi 6E (802.11 a/b/g/n/ac/ax)                                 |
|                                 | Support 2.4/5/6GHz, Bluetooth v5.2                                   |
| <b>I/O Interface</b>            |  |
| Ethernet                        | 1 x 2.5GbE LAN via Intel® I225V                                      |
| Audio Codec                     | Realtek ALC 888S   |
| <b>Power</b>                    |  |
| Input                           | 12V DC   |
| <b>Environment</b>              |  |
| Operating Temperature           | -10°C ~ 40°C   |
| Safety & EMC                    | CE, FCC Class A  |
| Humidity                        | 10% ~ 95%, non-condensing  |
| Storage Temperature             | -20°C ~ 60°C   |
| <b>Physical Characteristics</b> |  |
| Color                           | Black+Silver   |
| Mounting                        | VESA 75, Wall, Stand and Arm   |
| Dimensions (LxWxH) (mm)         | 180.81 x 116.52 x 34.95  |
| <b>LCD</b>                      |  |
| Size                            | 7" (16:9)  |
| Resolution                      | 1024 (W) x 600 (H)   |
| Brightness (cd/m <sup>2</sup> ) | 450 cd/m <sup>2</sup>  |
| Contrast Ratio                  | 700  |
| LCD Color                       | 16.2M  |
| Pixel Pitch (mm)                | 0.1506 x 0.1432  |
| Viewing Angle (H-V)             | 150°/145°  |

|                  |  |
|------------------|--|
| Backlight MTBF   | 20,000 hours   |
| Touch            |  |
| Touch Screen     | Multi-point projected capacitive type<br>(anti-UV / anti-glare coating,support gloves) |
|                  | Surface hardness: 7H   |
| Touch Controller | EETI 80 series   |
| Other Features   |  |
| Audio            | 1 x AMP 1.2W (internal speaker)  |
| I/O Interface    |  |
| I/O Interface    | 2 x RS-232/422/485 (by DB9)  |
|                  | 1 x USB 2.0  |
|                  | 1 x HDMI (up to 3840*2160 @30Hz)   |
|                  | 1 x LAN (Intel® I225V 2.5GbE controller)   |
|                  | 1 x DC Input Jack  |
|                  | 1 x Reset Button   |
|                  | 1 x Power Switch   |
|                  | 1 x AT/ATX switch  |
|                  | 2 x USB 3.2 Gen2x1 (10Gb/s (Type A))   |
| OS Support       |  |
| OS Support       | Windows 10 IoT   |
|                  | Linux  |

## Ordering Information

|                        |   |
|------------------------|---|
| AFL4-W07-EHL-J1/8G-R10 | 7" 450cd/m <sup>2</sup> 1024x600 fanless Panel PC with Intel® Celeron® Processor J6412 on-board Processor ,TDP 10W, 8GB LPDDR4 on-board , 802.11a/b/g/n/ac/ax WiFi&Bluetooth®5.2 module, PCAP touch,R10 |
|------------------------|---|

## Packing List

|                   |                |
|-------------------|----------------|
| 1 x AFL4-W07-EHL  | 1 x Power Cord |
| 1 x Power Adapter | 1 x QIG        |