

# PPC2-CW123-EHL

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



## Features

- » Intel® Elkhart Lake Platform
- » Dual M.2 (M.2 B Key & M.2 M Key) support
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Newly Designed Panel Mount Kit

## Specifications

| System                      |  |
|-----------------------------|--|
| Cooling method / System Fan | Fanless  |
| CPU                         | Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10w |
| On-board Memory             | 8GB dual-channel on-board LPDDR4x                                    |
| Storage                     | 1 x M.2 2242 M-key (PCIe Gen3 x2)                                    |
| I/O Interface               |  |
| Ethernet                    | 2 x 2.5GbE LAN via Intel I225-V                                      |
| Expansion                   | 1 x M.2 2242/2280 B key (PCIe Gen3 x1 + USB 3.0)                     |
| Power                       |  |
| Power adapter               | 60W power adapter  |
| Environment                 |  |
| Operating Temperature       | -10°C ~ 60°C   |
| Operating Vibration         | MIL-STD-810G 514.6C-1 (with SSD)                                     |
| Operating Shock             | Half-sine wave shock 5G; 11ms; 100 shocks per axis                   |
| Safety & EMC                | CE, FCC Class A  |
| Humidity                    | 10% ~ 95%@40°C, non-condensing                                       |
| Storage Temperature         | -20°C ~ 60°C   |
| IP Level                    | IP 65 compliant front panel  |
| Physical Characteristics    |  |
| Color                       | Black  |
| Mounting                    | VESA 75/100  |
|                             | Panel, Wall, Rack, Stand and Arm                                     |
| LCD                         |  |
| Size                        | 12.3"  |
| Resolution                  | 1920 x 720   |
| Brightness (cd/m2)          | 850  |
| Contrast Ratio              | 1000:1   |
| LCD Color                   | 16.7M  |
| Pixel Pitch (mm)            | 0.152 x 0.152  |
| Viewing Angle (H-V)         | 160°/170°  |
| Backlight MTBF              | 50,000 hours   |
| Touch                       |  |
| Touch Screen                | Multi-point projected capacitive type                                |
|                             | (anti-UV / anti-glare coating, support gloves)                       |
|                             | Surface hardness: ≥ 7H   |
| Touch Controller            | EETI 8X  |

| I/O Interface |  |
|---------------|--|
| I/O Interface | 1 x RS-232/422/485 (by DB9)  |
|               | 2 x USB 2.0  |
|               | 1 x HDMI™  |
|               | 2 x LAN  |
|               | 1 x Reset Button   |
|               | 1 x Power Switch   |
|               | 1 x AT/ATX switch  |
|               | 1 x Clear CMOS Button  |
|               | 1 x RS-232 (by DB9)  |
|               | 2 x Power In -<br>1 x 12V-24V power jack<br>1 x Power terminal block (2-pin) |
|               | 2 x USB 3.2 Gen2x1 (10Gb/s(Type A))  |

## Ordering Information

|                          |   |
|--------------------------|---|
| PPC2-CW123-EHL-J1/8G-R10 | 12.3" 850 cd/cm <sup>2</sup> 1920x720 Fanless Panel PC with Intel® Celeron® Processor J6412, TDP 10W, 8GB LPDDR4x on-board, HDMI™ output, black, 12-24V DC input, projected capacitive touchscreen with AG, R10 |
|--------------------------|---|

## Packing List

|                    |                     |
|--------------------|---------------------|
| 1 x PPC2-CW123-EHL | 1 x Power Cord      |
| 1 x Power Adapter  | 1 x Panel Mount Kit |
| 1 x QIG            | 1 x Screw Pack      |