

# PPC2-C10-EHL

10.4" 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

|                                 |  |
|---------------------------------|--|
| <b>System</b>                   |  |
| Cooling method / System Fan     | Fanless  |
| CPU                             | Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10W                 |
| On-board Memory                 | on-board dual-channel LPDDR4x 8GB  |
| Storage                         | 1 x M.2 2280 M-key (PCIe Gen3 x2)  |
| <b>I/O Interface</b>            |  |
| Ethernet                        | 2 x 2.5GbE LAN via Intel® I225V  |
| Expansion                       | 1 x M.2 B key 2242/2280 (PCIe Gen3 x2 + USB 2.0)                                     |
| <b>Environment</b>              |  |
| Operating Temperature           | -10°C ~ 60°C   |
| Safety & EMC                    | CE, FCC Class A, UKCA  |
| Humidity                        | 10% ~ 95%, non-condensing  |
| Storage Temperature             | -20°C ~ 60°C   |
| <b>Physical Characteristics</b> |  |
| Color                           | Black  |
| Mounting                        | VESA 75/100, Panel, Wall, Rack, Stand and Arm  |
| Dimensions (LxWxH) (mm)         | 285.2 x 232.4 x 49.9   |
| Net Weight                      | 2.335 Kg   |
| <b>LCD</b>                      |  |
| Size                            | 10.4" (4:3)  |
| Resolution                      | 800 (W) x 600 (H)  |
| Brightness (cd/m <sup>2</sup> ) | 400 cd/m <sup>2</sup>  |
| Contrast Ratio                  | 700:1  |
| LCD Color                       | 16.2M  |
| Pixel Pitch (mm)                | 0.264 x 0.264  |
| Viewing Angle (H-V)             | 160°/140°  |
| Backlight MTBF                  | 30,000 hours   |
| <b>Touch</b>                    |  |
| Touch Screen                    | Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves) |
|                                 | Surface hardness: 7H   |
| Touch Controller                | EETI 80 series   |
| <b>Other Features</b>           |  |
| TPM                             | Intel® Platform Trust Technology   |

| I/O Interface |   |
|---------------|---|
| I/O Interface | 1 x RS-232/422/485 (by DB9)   |
|               | 2 x USB 2.0   |
|               | 1 x HDMI (up to 3840*2160 @30Hz)  |
|               | 2 x LAN -<br>LAN1: Intel® I225V 2.5GbE controller<br>LAN2: Intel® I225V 2.5GbE controller |
|               | 1 x Reset Button  |
|               | 1 x Power Switch  |
|               | 1 x AT/ATX switch   |
|               | 1 x Clear CMOS Button   |
|               | 2 x RS-232 (by DB9)   |
|               | 2 x Power In -<br>1 x 12V-24V DC jack<br>1 x Power terminal block (2-pin)                 |
|               | 2 x USB 3.2 Gen2x1 (10Gb/s (Type A))  |
| OS Support    |   |
| OS Support    | Windows 10 IOT  |
|               | Linux   |

## Ordering Information

|                        |  |
|------------------------|--|
| PPC2-C10-EHL-J1/8G-R10 | 10.4" 400 cd/cm <sup>2</sup> 800x600 Panel PC with Intel® Celeron® Processor J6412, 8GB LPDDR4x on-board, HDMI output, black, 12-24V DC input, projected capacitive touchscreen with AG, R10 |
|------------------------|--|

## Packing List

|                   |                     |
|-------------------|---------------------|
| 1 x PPC2-C10-EHL  | 1 x Power Cord      |
| 1 x Power Adapter | 1 x Panel Mount Kit |
| 1 x QIG           | 1 x Screw Pack      |