

## PPC2-C19-EHL

19" 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             | on-board dual-channel LPDDR4x 8GB                                                    |
| Storage                     | 1 x M.2 2280 M-key (PCIe Gen3 x2)                                                    |
|                             | 1 x 2.5" HDD/SSD drive bay                                                           |
| I/O Interface               |                                                                                      |
| Ethernet                    | 2 x 2.5GbE LAN via Intel® I225V                                                      |
| Expansion                   | 1 x M.2 2242/2280 B key (PCIe Gen3 x1 + USB 3.0)                                     |
|                             | 1 x M.2 B key 2242/2280 (PCIe Gen3 x2 + USB 2.0)                                     |
| Environment                 |                                                                                      |
| Operating Temperature       | -10°C ~ 60°C                                                                         |
| Safety & EMC                | CE, FCC Class A, UKCA                                                                |
| Humidity                    | 10% ~ 95%, non-condensing                                                            |
| Storage Temperature         | -20°C ~ 60°C                                                                         |
| Physical Characteristics    |                                                                                      |
| Color                       | Black                                                                                |
| Mounting                    | VESA 75/100, Panel, Wall, Rack, Stand and Arm                                        |
| Dimensions (LxWxH) (mm)     | 447.40 x 372.40 x 59.20                                                              |
| Net Weight                  | 5.745 Kg                                                                             |
| LCD                         |                                                                                      |
| Size                        | 19" (5:4)                                                                            |
| Resolution                  | 1280 (W) x 1024 (H)                                                                  |
| Brightness (cd/m2)          | 350 cd/m <sup>2</sup>                                                                |
| Contrast Ratio              | 1000:1                                                                               |
| LCD Color                   | 16.7M                                                                                |
| Pixel Pitch (mm)            | 0.294 x 0.294                                                                        |
| Viewing Angle (H-V)         | 170°/160°                                                                            |
| 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 80 series                                                                            |
| Other Features   |                                                                                           |
| TPM              | Intel® Platform Trust Technology                                                          |
| I/O Interface    |                                                                                           |
| I/O Interface    | 1 x RS-232/422/485 (by DB9)                                                               |
|                  | 4 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                                                                     |
|                  | 4 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))                                                       |
| OS Support       |                                                                                           |
| OS Support       | Windows 10 IOT                                                                            |
|                  | Linux                                                                                     |

## Ordering Information

|                        |                                                                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PPC2-C19-EHL-J1/8G-R10 | 19" 450 cd/cm <sup>2</sup> 1280x1024 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-C19-EHL  | 1 x Power Cord      |
| 1 x Power Adapter | 1 x Panel Mount Kit |
| 1 x QIG           | 1 x Screw Pack      |