

## PPC2-C104-ADLP

10.4" Fanless Panel PC with Intel® Alder Lake P Processor



## Features

- » 12th Gen Intel® Core™ Mobile i7/i5/i3 Processors
- » PCAP with USB interface (anti-UV/AG coating)
- » Dual M.2 (M.2 M Key) support
- » Newly Designed Panel Mount Kit
- » Support Gloved and Wet Hand Operation

## Specifications

| System                   |                                                              |
|--------------------------|--------------------------------------------------------------|
| CPU                      | 12th Generation Intel® Alder Lake-P Core™ i7/i5/i3 Processor |
| Memory Ext.              | Dual channel On board LPDDR4x 8G                             |
| I/O Interface            |                                                              |
| Ethernet                 | LAN1: Intel® I225V/I226V 2.5GbE controller                   |
|                          | LAN2: Intel® I225-LM/I226-LM 2.5GbE controller (Intel AMT)   |
| Expansion                | 1 x M.2 M key 2242 (PCIe Gen4 x4)                            |
|                          | 1 x M.2 M key 2280 (PCIe Gen4 x4)                            |
|                          | 1 x M.2 E key 2230 (PCIe + USB signal)                       |
| Power                    |                                                              |
| Input                    | 12V DC                                                       |
| Power adapter            | 84W Power adapter                                            |
| Environment              |                                                              |
| Operating Temperature    | -10°C ~ 50°C                                                 |
| Safety & EMC             | CE/EMC, FCC, UKCA                                            |
| Humidity                 | 10% ~ 95%@40°C, non-condensing                               |
| Storage Temperature      | -20°C ~ 70°C                                                 |
| IP Level                 | Front panel IP65                                             |
| Physical Characteristics |                                                              |
| Color                    | Black                                                        |
| Mounting                 | VESA 100, Panel, Wall, Rack, Stand and Arm                   |
| Construction             | Aluminum die casting + SECC                                  |
| LCD                      |                                                              |
| Size                     | 10.4" (4:3)                                                  |
| Resolution               | 800 (W) x 600 (H)                                            |
| Brightness (cd/m2)       | 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                                                 |
| Touch                    |                                                              |
| Touch Screen             | PCAP with USB interface (anti-UV/AG coating)                 |
| Touch Controller         | EETI EXC 81 Series                                           |
| Other Features           |                                                              |

|                |                                  |
|----------------|----------------------------------|
| System Cooling | Fanless                          |
| TPM            | Intel® Platform Trust Technology |
| I/O Interface  |                                  |
| I/O Interface  | 2 x RS-232 (by DB9)              |
|                | 2 x RS-232/422/485 (by DB9)      |
|                | 1 x USB 2.0                      |
|                | 2 x USB 3.2 Gen1x1               |
|                | 1 x HDMI™                        |
|                | 2 x LAN (2.5GbE)                 |
|                | 1 x DC Input Jack (12V)          |
|                | 1 x Reset Button                 |
|                | 1 x AT/ATX switch                |
|                | 2 x USB 3.2 Gen2                 |
| OS Support     |                                  |
| OS Support     | Windows 10/11 IoT, Linux         |

## Ordering Information

|                          |                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PPC2-C104-ADLP-i7/8G-R10 | 10.4" 400cd/m² 800x600 Fanless Panel PC with 12th Generation Intel® Core™ i7-1260P Processor, 8GB LPDDR4 on-board, PCAP touch, 12V DC, R10                      |
| PPC2-C104-ADLP-i5/8G-R10 | 10.4" 400cd/m² 800x600 Fanless Panel PC with 12th Generation Intel® Core™ i5-1240P Processor, 8GB LPDDR4 on-board, PCAP touch, 12V DC, R10                      |
| PPC2-C104-ADLP-i3/8G-R10 | 10.4" 400cd/m² 800 x 600 Fanless Panel PC with 12th Generation Intel® Core™ i3-1220P on-board Processor, TDP 28W, 8GB LPDDR4x on-board, PCAP touch, 12V DC, R10 |

## Packing List

|                    |                     |
|--------------------|---------------------|
| 1 x PPC2-C104-ADLP | 1 x Power Cord      |
| 1 x Power Adapter  | 1 x Panel Mount Kit |
| 1 x QIG            | 1 x Screw Pack      |