

# PPC2-C104-ADLP

10.4" Fanless Panel PC with Intel® Alder Lake P/Raptor Lake-P Processors



## Features

- » 12th/13th Gen Intel® Core™ 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/13th Generation Intel® Alder Lake-P & Raptor Lake-P Core™ i7/i5/i3 Processors                               |
| Memory Ext.              | Dual channel On board LPDDR4x 8G (max 32GB)  |
| I/O Interface            |  |
| Ethernet                 | LAN1: Intel® I226V 2.5GbE controller<br>LAN2: Intel® I226-LM 2.5GbE controller (support Intel® AMT)              |
| Expansion                | 1 x M.2 M key 2242 (PCIe Gen4 x4)<br>1 x M.2 M key 2280 (PCIe Gen4 x4)<br>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 ~ 60°C   |
| IP Level                 | Front panel IP65   |
| Physical Characteristics |  |
| Color                    | Black  |
| Mounting                 | VESA 100, Panel, Wall, Rack, Stand and Arm   |
| Construction             | Aluminum front cover and sheet metal rear cover  |
| LCD                      |  |
| Size                     | 10.4" (4:3)  |
| Resolution               | 1024 (W) x 768 (H)   |
| Brightness (cd/m2)       | 350 cd/m <sup>2</sup>  |
| Contrast Ratio           | 1000:1   |
| LCD Color                | 16.7M  |
| Pixel Pitch (mm)         | 0.069 x 0.206  |
| Viewing Angle (H-V)      | 176°/176°  |
| Backlight MTBF           | 50,000 hours   |
| Touch                    |  |
| Touch Screen             | PCAP with USB interface (anti-UV/AG coating)   |
| Touch Controller         | EETI 80  |
| 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 Compatible  |                                  |
| OS Compatible  | Windows 10/11 IoT, Linux         |

## Ordering Information

|                          |   |
|--------------------------|---|
| PPC2-C104-ADLP-Ri7ED-R20 | 10.4" 350 cd/cm <sup>2</sup> 1024x768 Fanless Panel PC with 13th Generation Intel® Core™ i7-1370PE on-board Processor, TDP 28W, 16GB on-board memory, PCAP touch, 12V DC, R20 |
| PPC2-C104-ADLP-Ri5EC-R20 | 10.4" 350 cd/cm <sup>2</sup> 1024x768 Fanless Panel PC with 13th Generation Intel® Core™ i5-1340PE on-board Processor, TDP 28W, 8GB LPDDR4 on-board, PCAP touch, 12V DC, R20  |
| PPC2-C104-ADLP-Ri3EC-R20 | 10.4" 350 cd/cm <sup>2</sup> 1024x768 Fanless Panel PC with 13th Generation Intel® Core™ i3-1320PE on-board Processor, TDP 28W, 8GB on-board memory, PCAP touch, 12V DC, R20  |

## 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      |