

# PPC2-CW215A-ADLP

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



## Features

- » 12th/13th Gen Intel® Core™ Mobile i7/i5/i3 Processors
- » Anti-AG and Anti-UV FHD PCAP touch screen
- » Support Dual M.2 M-key slots
- » Dual channel SO-DIMM DDR4-3200
- » Optional Wi-Fi 6E and Bluetooth®5.2
- » Support IPMI 2.0 Remote Management

## Specifications

|                        |   |
|------------------------|---|
| <b>系統</b>              |   |
| CPU                    | 12th Gen Intel® Core™ Mobile i7/i5/i3 Processors (Alder Lake-P)<br>13th Gen Intel® Core™ Mobile i7/i5/i3 Processors (Raptor Lake-P)   |
| Memory Ext.            | Dual channel SO-DIMM DDR4-3200 (Max. 64GB) (Pre-installed 1 x 8GB)  |
| Storage                | 1 x 2.5" SATA HDD/SSD bay (optional)  |
| <b>Communication</b>   |   |
| Wireless               | IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT v5.2(optional)   |
| <b>輸出/入介面</b>          |   |
| Ethernet               | LAN1: Intel® I226 LM(support Intel AMT)<br>LAN2: Intel® I226V   |
| Expansion              | 2 x M.2 M Key 2280 (PCIe Gen 4 x4)<br>1 x M.2 B KEY (PCIe x1 or SATA) for IPMI<br>1 x M.2 2230 E Key Slot support Vpro (PCIe 3.0 x1 + USB2.0 x1 + CNVI)   |
| I/O Ports and Switches | 1 x RS-232/422/485 w/ AFC by DB9<br>1 x AT/ATX Switch<br>1 x RS-232 by DB9<br>2 x 2.5GbE LAN<br>4 x USB 3.2 Gen1<br>1 x RJ45 for IPMI<br>1 x HDMI output<br>1 x 12V DC Jack<br>1 x Power Button<br>1 x Reset Button<br>1 x ClearCMOS Button |
| <b>Power</b>           |   |
| Power Supply           | 12V DC  |
| <b>Environment</b>     |   |
| Operating Temperature  | -20°C ~ 60°C  |
| Operating Vibration    | Operation: Random Vibration Mode,MIL-STD-810G 514.6C-1 (With SSD)<br>Non-OP:Sine Vibration Mode,IEC-60068-2-06  |
| Operating Shock        | Operation: IEC68-2-27 5 G,11ms,100 shocks<br>Non-OP: IEC68-2-27 15 G,11ms,100 shocks  |
| Safety & EMC           | CE/EMC, FCC (Class A)   |
| Humidity               | 10% ~ 90% (non-condensing)  |
| Storage Temperature    | -20°C ~ 70°C  |

|                                 |   |
|---------------------------------|---|
| IP Level                        | IP 65 compliant front panel                           |
| Physical Characteristics        |   |
| Color                           | Black   |
| Mounting                        | Panel, Wall, Stand and Arm VESA 75 /100mm             |
| Construction                    | Aluminum die casting+SECC                             |
| LCD                             |   |
| Size                            | 21.5"   |
| Resolution                      | 1920 x 1080 (16:9)                                    |
| Brightness (cd/m <sup>2</sup> ) | 350 cd/m <sup>2</sup>                                 |
| Contrast Ratio                  | 1000 : 1  |
| LCD Color                       | 16.7M   |
| Viewing Angle (H-V)             | 178°/178°   |
| Backlight MTBF                  | 50000 hours   |
| Touch                           |   |
| Touch Screen                    | PCAP with USB interface (anti-UV/AR coating)          |
| Touch Controller                | EXC81W32  |
| 其他特點                            |   |
| Watchdog Timer                  | Software Programmable support 1~255 sec. system reset |
| OS Compatible                   |   |
| OS Compatible                   | Microsoft® Windows 10/11 IOT;Linux                    |

## Ordering Information

|                              |   |
|------------------------------|---|
| PPC2-CW215A-ADLP-i7/8G-R11   | 21.5" 350cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 12th Generation Intel® Core™ i7-1260P on-board Processor,TDP 28W,1 x 8GB DDR4, PCAP touch,12V DC,Ver.A,R11       |
| PPC2-CW215A-ADLP-i5/8G-R11   | 21.5" 350cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 12th Generation Intel® Core™ i5-1240P on-board Processor,TDP 28W,1 x 8GB DDR4, PCAP touch,12V DC,Ver.A,R11       |
| PPC2-CW215A-ADLP-i3/8G-R11   | 21.5" 350cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 12th Generation Intel® Core™ i3-1220P on-board Processor,TDP 28W,1 x 8GB DDR4, PCAP touch,12V DC,Ver.A,R11       |
| PPC2-CW215A-ADLP-Ri7E/8G-R11 | 21.5" 350cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i7-1370PE on-board Processor,TDP 28W, 1 x 8GB DDR4 RAM, PCAP touch,12V DC,Ver.A,R11 |
| PPC2-CW215A-ADLP-Ri5E/8G-R11 | 21.5" 350cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i5-1340PE on-board Processor,TDP 28W,1 x 8GB DDR4 RAM, PCAP touch,12V DC,Ver.A,R11  |
| PPC2-CW215A-ADLP-Ri3E/8G-R11 | 21.5" 350cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i3-1320PE on-board Processor,TDP 28W, 1 x 8GB DDR4 RAM, PCAP touch,12V DC,Ver.A,R11 |

## Packing List

|                      |                |
|----------------------|----------------|
| 1 x PPC2-CW215A-ADLP | 1 x Power Cord |
| 1 x Power Adapter    | 1 x Package    |
| 1 x QIG              |                |