

# PPC2-CW156A-ADLP

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



## Features

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

## Specifications

| System                          |   |
|---------------------------------|---|
| 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)  |
| Communication                   |   |
| Wireless                        | IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT v5.2(optional)   |
| I/O Interface                   |   |
| Ethernet                        | LAN1: Intel® I226 LM (support Intel AMT)<br>LAN2: Intel® I226V  |
| Expansion                       | 2 x M.2 M Key 2280 (PCIe Gen 3 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) |
| Power                           |   |
| Power Supply                    | 12V DC  |
| Environment                     |   |
| Operating Temperature           | -20°C ~ 60°C  |
| Safety & EMC                    | CE, 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   |
| LCD                             |   |
| Size                            | 15.6"   |
| Resolution                      | 1920 x 1080 (16:9)  |
| Brightness (cd/m <sup>2</sup> ) | 450 cd/m <sup>2</sup>   |
| Contrast Ratio                  | 800 : 1   |
| LCD Color                       | 16.2M   |
| Viewing Angle (H-V)             | 178°/178°   |
| Backlight MTBF                  | 50000 hours   |
| Touch                           |   |
| Touch Screen                    | PCAP with USB interface (anti-UV/AR coating)  |
| Touch Controller                | EXC81W32  |

| I/O Interface |   |
|---------------|---|
| I/O Interface | 1 x AT/ATX switch                         |
|               | 1 x Clear CMOS Button                     |
|               | 1 x DC Input Jack (12V)                   |
|               | 1 x HDMI™ (2.0 (up to 3840 x 2160 @60Hz)) |
|               | 2 x LAN (Intel® I226 2.5GbE controller)   |
|               | 1 x Reset Button                          |
|               | 1 x RS-232 (by DB9)                       |
|               | 1 x RS-232/422/485 (by DB9)               |
|               | 4 x USB 3.2 Gen1x1 (Type-A (5Gb/s))       |

## Ordering Information

|                              |   |
|------------------------------|---|
| PPC2-CW156A-ADLP-Ri7E/8G-R10 | 15.6" 450cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i7-1370PE on-board Processor,TDP 28W, 8GB DDR4, PCAP touch,12V DC,Ver.A,R10   |
| PPC2-CW156A-ADLP-Ri5E/8G-R10 | 15.6" 450cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i5-1350PE on-board Processor,TDP 28W, 8GB DDR4, PCAP touch,12V DC,Ver.A,R10   |
| PPC2-CW156A-ADLP-Ri3E/8G-R10 | 15.6" 450cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i3-1320PE on-board Processor,TDP 28W, 8GB DDR4, PCAP touch,12V DC,Ver.A,R10   |
| PPC2-CW156A-ADLP-i7/8G-R10   | 15.6" 450cd/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,R10 |
| PPC2-CW156A-ADLP-i5/8G-R10   | 15.6" 450cd/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,R10 |
| PPC2-CW156A-ADLP-i3/8G-R10   | 15.6" 450cd/m <sup>2</sup> 1920x1080 Fanless Panel PC with 12th Generation Intel® Core™ i3-1220P on-board Processor,TDP 28W, 8GB DDR4, PCAP touch,12V DC,Ver.A,R10    |

## Packing List

|                      |                |
|----------------------|----------------|
| 1 x PPC2-CW156A-ADLP | 1 x Power Cord |
| 1 x Power Adapter    | 1 x Package    |
| 1 x QIG              |                |