

# 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

System	
CPU	12th Gen Intel® Core™ Mobile i7/i5/i3 Processors (Alder Lake-P) 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) LAN2: Intel® I226V
Expansion	2 x M.2 M Key 2280 (PCIe Gen 4 x4) 1 x M.2 B KEY (PCIe x1 or SATA) for IPMI 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 1 x AT/ATX Switch 1 x RS-232 by DB9 2 x 2.5GbE LAN 4 x USB 3.2 Gen1 1 x RJ45 for IPMI 1 x HDMI output 1 x 12V DC Jack 1 x Power Button 1 x Reset Button 1 x ClearCMOS Button
Power	
Power Supply	12V DC
Environment	
Operating Temperature	-20°C ~ 60°C
Operating Vibration	Operation: Random Vibration Mode, MIL-STD-810G 514.6C-1 (With SSD) Non-OP: Sine Vibration Mode, IEC-60068-2-06
Operating Shock	Operation: IEC68-2-27 5 G, 11ms, 100 shocks 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
Other Features	
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	