

# PPC2-CW185A-ADLP

18.5" 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)
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	18.5"
Resolution	1920 x 1080 (16:9)
Brightness (cd/m <sup>2</sup> )	350 cd/m <sup>2</sup>
Contrast Ratio	1200 : 1
LCD Color	16.7M
Viewing Angle (H-V)	170°/170°
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 RS-232 (by DB9)
	1 x RS-232/422/485 (by DB9)
	4 x USB 3.2 Gen1x1 (Type-A (5Gb/s))
	1 x HDMI™ (2.0 (up to 3840 x 2160 @60Hz))
	2 x LAN (Intel® I226 2.5GbE controller)
	1 x DC Input Jack (12V)
	1 x Reset Button
	1 x AT/ATX switch
	1 x Clear CMOS Button

## Ordering Information

PPC2-CW185A-ADLP-i7/8G-R11	18.5" 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-CW185A-ADLP-i5/8G-R11	18.5" 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-CW185A-ADLP-i3/8G-R11	18.5" 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-CW185A-ADLP-Ri7E/8G-R11	18.5" 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-CW185A-ADLP-Ri5E/8G-R11	18.5" 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-CW185A-ADLP-Ri3E/8G-R11	18.5" 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-CW185A-ADLP	1 x Power Cord
1 x Power Adapter	1 x Package
1 x QIG	