

PPC2-CW185-ADLP

18.5" 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 LAN2: Intel® I226-LM 2.5GbE controller (support Intel® AMT)
Expansion	1 x M.2 M key 2242 (PCIe Gen4 x4) 1 x M.2 M key 2280 (PCIe Gen4 x4) 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	18.5" (16:9)
Resolution	1920 (W) x 1080 (H)
Brightness (cd/m ²)	350 cd/m ²
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.213 x 0.213
Viewing Angle (H-V)	170°/170°
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-CW185-ADLP-Ri7ED-R11	18.5" 350cd/m ² 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i7-1370PE on-board Processor, TDP 28W, 16GB on-board memory, PCAP touch, 12V DC, R11
PPC2-CW185-ADLP-Ri5EC-R11	18.5" 350cd/m ² 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i5-1340PE on-board Processor, TDP 28W, 8GB on-board memory, PCAP touch, 12V DC, R11
PPC2-CW185-ADLP-Ri3EC-R11	18.5" 350cd/m ² 1920x1080 Fanless Panel PC with 13th Generation Intel® Core™ i3-1320PE on-board Processor, TDP 28W, 8GB on-board memory, PCAP touch, 12V DC, R11

Packing List

1 x PPC2-CW185-ADLP	1 x Power Cord
1 x Power Adapter	1 x Panel Mount Kit
1 x QIG	1 x Screw Pack