

PPC2-C121-ADLP

12.1" Fanless Panel PC with Intel® Alder Lake P Processor



Features

- » 12th Gen Intel® Core™ Mobile 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 Generation Intel® Alder Lake-P Core™ i7/i5/i3 Processor
Memory Ext.	Dual channel On board LPDDR4x 8G
I/O Interface	
Ethernet	LAN1: Intel® I225V/I226V 2.5GbE controller
	LAN2: Intel® I225-LM/I226-LM 2.5GbE controller (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 ~ 70°C
IP Level	Front panel IP65
Physical Characteristics	
Color	Black
Mounting	VESA 100, Panel, Wall, Rack, Stand and Arm
Construction	Aluminum die casting + SECC
LCD	
Size	12.1" (4:3)
Resolution	1024 (W) x 768 (H)
Brightness (cd/m2)	500 cd/m ²
Contrast Ratio	1000:1
LCD Color	16.2M
Pixel Pitch (mm)	0.24 x 0.24
Viewing Angle (H-V)	178°/178°
Backlight MTBF	30,000 hours
Touch	
Touch Screen	PCAP with USB interface (anti-UV/AG coating)
Touch Controller	EETI EXC 81 Series
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 Support	
OS Support	Windows10/11 IoT, Linux

Ordering Information

PPC2-C121-ADLP-i7/8G-R10	12.1" 500cd/m² 1024x768 Fanless Panel PC with 12th Generation Intel® Core™ i7-1260P Processor,8GB LPDDR4 on-board, PCAP touch,12V DC,R10
PPC2-C121-ADLP-i5/8G-R10	12.1" 500cd/m² 1024x768 Fanless Panel PC with 12th Generation Intel® Core™ i5-1240P Processor,8GB LPDDR4 on-board, PCAP touch,12V DC,R10
PPC2-C121-ADLP-i3/8G-R10	12.1" 500cd/m² 1024x768 Fanless Panel PC with 12th Generation Intel® Core™ i3-1220P on-board Processor,TDP 28W,8GB LPDDR4x on-board, PCAP touch,12V DC,R10

Packing List

1 x PPC2-C121-ADLP	1 x Power Cord
1 x Power Adapter	1 x Panel Mount Kit
1 x QIG	1 x Screw Pack