

# AFL4-121-ADLP

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

## Features



- » Intel® Alder Lake-P Platform
- » New narrow bezel design
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Support WiFi 6E and Bluetooth® 5.2

## Specifications

<b>System</b>	
CPU	12th Gen Intel® Core™ Mobile i7/i5/i3 Processors (Alder Lake-P)
On-board Memory	Dual channel On board LPDDR4x 8G
<b>Communication</b>	
Wireless	IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT v5.0 (M.2 2230 A-key)
<b>I/O Interface</b>	
Ethernet	LAN1: Intel® I225V 2.5GbE controller LAN2: Intel® I225-LM 2.5GbE controller (Intel AMT)
Audio	AMP 1.2W (internal speaker)
Expansion	1 x M.2 M key 2242 (PCIe Gen4 x 4) 1 x M.2 M key 2280 (PCIe Gen4 x 4)
Audio Codec	Realtek ALC885S
<b>Power</b>	
Input	12V DC
<b>Environment</b>	
Operating Temperature	-10°C ~ 50°C
Safety & EMC	CE/EMC, FCC, RED (Class A)
Humidity	10% to 95% (non-condensing)
Storage Temperature	-20°C ~ 60°C
IP Level	Front panel IP65
<b>Physical Characteristics</b>	
Color	Silver+Black
Mounting	Wall, Rack, Stand, ARM, VESA100
Construction Front Panel	Aluminum die casting+SECC
<b>LCD</b>	
Size	12.1"
Resolution	1024 x 768 (4:3)
Brightness (cd/m2)	500(cd/m <sup>2</sup> )
Contrast Ratio	1200:1
Viewing Angle (H-V)	170°/170°
Backlight MTBF	50000 hours
<b>Touch</b>	

Touch Screen	Multi-point projected capacitive type
	(anti-UV / anti-glare coating, support gloves)
	Surface hardness: $\geq 7H$
Touch Controller	EETI EXC 81 Series
<b>I/O Interface</b>	
I/O Interface	2 x RS-232 (by DB9)
	2 x RS-232/422/485 (by DB9)
	1 x DC Input Jack
	1 x Reset Button
	1 x Power Switch
	1 x AT/ATX switch
	2 x USB 3.2 Gen1x1
	1 x USB2.0
	1 x HDMI (up to 3840*2160 @30Hz)
	2 x LAN (Intel® I225V 2.5GbE controller)
	2 x USB 3.2 Gen2
<b>OS Support</b>	
OS Support	Windows 10 IoT
	Linux

## Ordering Information

AFL4-121-ADLP-i7/8G-R10	12.1" 500cd/m <sup>2</sup> 1024x768 fanless panel PC with Intel® Core™ i7-1260P on-board processor, 8GB LPDDR4x on-board, Wi-Fi 6E and Bluetooth 5.2 module, PCAP touch, 12V DC, R10
AFL4-121-ADLP-i5/8G-R10	12.1" 500cd/m <sup>2</sup> 1024x768 fanless panel PC with Intel® Core™ i5-1240P on-board processor, 8GB LPDDR4x on-board, Wi-Fi 6E and Bluetooth 5.2 module, PCAP touch, 12V DC, R10
AFL4-121-ADLP-i3/8G-R10	12.1" 500cd/m <sup>2</sup> 1024x768 fanless panel PC with Intel® Core™ i3-1220P on-board processor, 8GB LPDDR4x on-board, Wi-Fi 6E and Bluetooth 5.2 module, PCAP touch, 12V DC, R10

## Packing List

1 x AFL4-121-ADLP	1 x Power Cord
1 x Power Adapter	1 x QIG