

# AFL4-12-EHL

12" Fanless Panel PC with Intel® Celeron® Processor J6412



## Features

- » Intel® Elkhart Lake 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	Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10W
On-board Memory	on-board dual-channel 8GB LPDDR4x
Storage	1 x M.2 2242 M-key (PCIe Gen3 x1 or SATA)
<b>Communication</b>	
Wireless	2T2R Wi-Fi 6E (802.11 a/b/g/n/ac/ax) Support 2.4/5/6GHz ,Bluetooth v5.2
<b>I/O Interface</b>	
Ethernet	2 x 2.5GbE LAN via Intel® I225V
Expansion	1 x M.2 M-key 2280 (PCIe Gen3 x2)
Audio Codec	Realtek ALC 888S
<b>Power</b>	
Input	12V DC
<b>Environment</b>	
Operating Temperature	-10°C ~ 50°C
Safety & EMC	CE, FCC Class A
Humidity	10% ~ 95%, non-condensing
Storage Temperature	-20°C ~ 60°C
<b>Physical Characteristics</b>	
Color	Black+Silver
Mounting	VESA 75, Wall, Stand and Arm
Dimensions (LxWxH) (mm)	280.36 x 220.92 x 47.50
<b>LCD</b>	
Size	12" (4:3)
Resolution	1024 x 768
Brightness (cd/m2)	500 nits
Contrast Ratio	700 : 1
LCD Color	16.7M
Pixel Pitch (mm)	0.24 x 0.24
Viewing Angle (H-V)	160°/140°
Backlight MTBF	50,000 hours
<b>Touch</b>	
Touch Screen	Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves)
	Surface hardness: 7H
Touch Controller	EETI 80 series
<b>Other Features</b>	

Audio	1 x AMP 1.2W (internal speaker)
I/O Interface	
I/O Interface	2 x RS-232 (by DB9)
	2 x RS-232/422/485 (by DB9)
	3 x USB 2.0
	1 x HDMI (up to 3840*2160 @30Hz)
	2 x LAN (Intel® I225V 2.5GbE controller)
	1 x DC Input Jack
	1 x Reset Button
	1 x Power Switch
	1 x AT/ATX switch
	2 x USB 3.2 Gen2x1 (10Gb/s(Type A))
OS Support	
OS Support	Windows 10 IoT
	Linux

## Ordering Information

AFL4-12-EHL-J1/8G-R10	12.1" 500cd/m <sup>2</sup> 1024x768 fanless Panel PC with Intel® Celeron® Processor J6412 on-board Processor ,TDP 10W, 8GB LPDDR4 on-board , 802.11a/b/g/n/ac/ax WiFi&Bluetooth®5.2 module, PCAP touch,R10
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## Packing List

1 x AFL4-12-EHL	1 x Power Cord
1 x Power Adapter	1 x QIG