

# AFL4-W12-EHL

12.1" 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

System	
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>128GB standard</b>
Communication	
Wireless	2T2R Wi-Fi 6E (802.11 a/b/g/n/ac/ax) Support 2.4/5/6GHz ,Bluetooth v5.2
I/O Interface	
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
Power	
Input	12V DC (9V-36V with external converter)
Environment	
Operating Temperature	-10°C ~ 50°C
Safety & EMC	CE, FCC Class A
Humidity	10% ~ 95%, non-condensing
Storage Temperature	-20°C ~ 60°C
Physical Characteristics	
Color	Black+Silver
Mounting	VESA 75, Wall, Stand and Arm
Dimensions (LxWxH) (mm)	295.72 x 197.80 x 47.40
LCD	
Size	12.1" (16:10)
Resolution	1280 x 800
Brightness (cd/m2)	500 nits
Contrast Ratio	1200:1
LCD Color	16.7M
Pixel Pitch (mm)	0.1695 x 0.1695

Viewing Angle (H-V)	170°/170°
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)
<b>I/O Interface</b>	
I/O Interface	1 x AT/ATX switch
	1 x DC Input Jack
	1 x HDMI™ (up to 3840*2160 @30Hz)
	2 x LAN (Intel® I225V 2.5GbE controller)
	1 x Power Switch
	1 x Reset Button
	2 x RS-232 (by DB9)
	2 x RS-232/422/485 (by DB9)
	3 x USB 2.0
	2 x USB 3.2 Gen2x1 (10Gb/s (Type A))
<b>OS Support</b>	
OS Support	Windows 10 IoT
	Linux

## AFL4-W12-EHL I/O

