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)
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
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
Touch	
Touch Screen	Multi-point projected capacitive type
	(anti-UV / anti-glare coating,support gloves)
	Surface hardness: 7H
Touch Controller	EETI 80 series
Other Features	
Audio	1 x AMP 1.2W (internal speaker)
I/O Interface	
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))
OS Support	
OS Support	Windows 10 IoT
	Linux

Ordering Information

AFL4-W12-EHL-J1/8G-R10	12.1" 500cd/m² 1280x800 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&Bluetooth5.2 module, PCAP touch,R10

Packing List

1 x AFL4-W12-EHL	1 x Power Cord
1 x Power Adapter	1 x QIG