

PPC2-C12-EHL

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



Features

- » Intel® Elkhart Lake Platform
- » Dual M.2 (M.2 B Key & M.2 M Key) support
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Newly Designed Panel Mount Kit

Specifications

System	
Cooling method / System Fan	Fanless
CPU	Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10W
On-board Memory	on-board dual-channel LPDDR4x 8GB
Storage	1 x M.2 2280 M-key (PCIe Gen3 x2) 1 x 2.5" HDD/SSD drive bay
I/O Interface	
Ethernet	2 x 2.5GbE LAN via Intel® I225V
Expansion	1 x M.2 2242/2280 B key (PCIe Gen3 x1 + USB 3.0) 1 x M.2 B key 2242/2280 (PCIe Gen3 x2 + USB 2.0)
Environment	
Operating Temperature	-10°C ~ 60°C
Safety & EMC	CE, FCC Class A, UKCA
Humidity	10% ~ 95%, non-condensing
Storage Temperature	-20°C ~ 60°C
Physical Characteristics	
Color	Black
Mounting	VESA 75/100, Panel, Wall, Rack, Stand and Arm
Dimensions (LxWxH) (mm)	322.2 x 262.2 x 53
Net Weight	3.095 Kg
LCD	
Size	12" (4:3)
Resolution	1024 (W) x 768 (H)
Brightness (cd/m ²)	500 cd/m ²
Contrast Ratio	700:1
LCD Color	16.2M
Pixel Pitch (mm)	0.24 x 0.24
Viewing Angle (H-V)	160°/140°
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	
TPM	Intel® Platform Trust Technology
I/O Interface	
I/O Interface	1 x RS-232/422/485 (by DB9)
	4 x USB 2.0
	1 x HDMI (up to 3840*2160 @30Hz)
	2 x LAN - LAN1: Intel® I225V 2.5GbE controller LAN2: Intel® I225V 2.5GbE controller
	1 x Reset Button
	1 x Power Switch
	1 x AT/ATX switch
	1 x Clear CMOS Button
	3 x RS-232 (by DB9)
	2 x Power In - 1 x 12V-24V DC jack 1 x Power terminal block (2-pin)
	2 x USB 3.2 Gen2x1 (10Gb/s (Type A))
OS Support	
OS Support	Windows 10 IOT
	Linux

Ordering Information

PPC2-C12-EHL-J1/8G-R10	12.1" 500 cd/cm ² 1024x768 Panel PC with Intel® Celeron® Processor J6412, 8GB LPDDR4x on-board, HDMI output, black, 12-24V DC input, projected capacitive touchscreen with AG, R10
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Packing List

1 x PPC2-C12-EHL	1 x Power Cord
1 x Power Adapter	1 x Panel Mount Kit
1 x QIG	1 x Screw Pack