

PPC2-CW123-EHL

12.3" 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	8GB dual-channel on-board LPDDR4x
Storage	1 x M.2 2242 M-key (PCIe Gen3 x2)
I/O Interface	
Ethernet	2 x 2.5GbE LAN via Intel I225-V
Expansion	1 x M.2 2242/2280 B key (PCIe Gen3 x1 + USB 3.0)
Power	
Power adapter	60W power adapter
Environment	
Operating Temperature	-10°C ~ 60°C
Operating Vibration	MIL-STD-810G 514.6C-1 (with SSD)
Operating Shock	Half-sine wave shock 5G; 11ms; 100 shocks per axis
Safety & EMC	CE, FCC Class A
Humidity	10% ~ 95%@40°C, non-condensing
Storage Temperature	-20°C ~ 60°C
IP Level	IP 65 compliant front panel
Physical Characteristics	
Color	Black
Mounting	VESA 75/100
	Panel, Wall, Rack, Stand and Arm
LCD	
Size	12.3"
Resolution	1920 x 720
Brightness (cd/m2)	850
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.152 x 0.152
Viewing Angle (H-V)	160°/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 8X

I/O Interface	
I/O Interface	1 x RS-232/422/485 (by DB9)
	2 x USB 2.0
	1 x HDMI™
	2 x LAN
	1 x Reset Button
	1 x Power Switch
	1 x AT/ATX switch
	1 x Clear CMOS Button
	1 x RS-232 (by DB9)
	2 x Power In - 1 x 12V-24V power jack 1 x Power terminal block (2-pin)
	2 x USB 3.2 Gen2x1 (10Gb/s(Type A))

Ordering Information

PPC2-CW123-EHL-J1/8G-R10	12.3" 850 cd/cm² 1920x720 Fanless Panel PC with Intel® Celeron® Processor J6412, TDP 10W, 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-CW123-EHL	1 x Power Cord
1 x Power Adapter	1 x Panel Mount Kit
1 x QIG	1 x Screw Pack