



FEATURES

- Aluminium Alloy Front Panel, Front IP66 Waterproof
- 12.1" TFT LED, Resolution 1280 x 800, Multi-Touch PCAP
- Intel® Elkhart Lake Celeron J6412 2.0GHz Fanless Industrial Panel PC
- 3xLAN, 2xRS232/422/485, Static Electricity & S Surge Protection
- Built-in TPM2.0 for Hardware-based Security
- DC 9~36V, Overcurrent, Overvoltage & Reverse Polarity Protection
- -20°C ~ 70°C Extended Operating Temperature

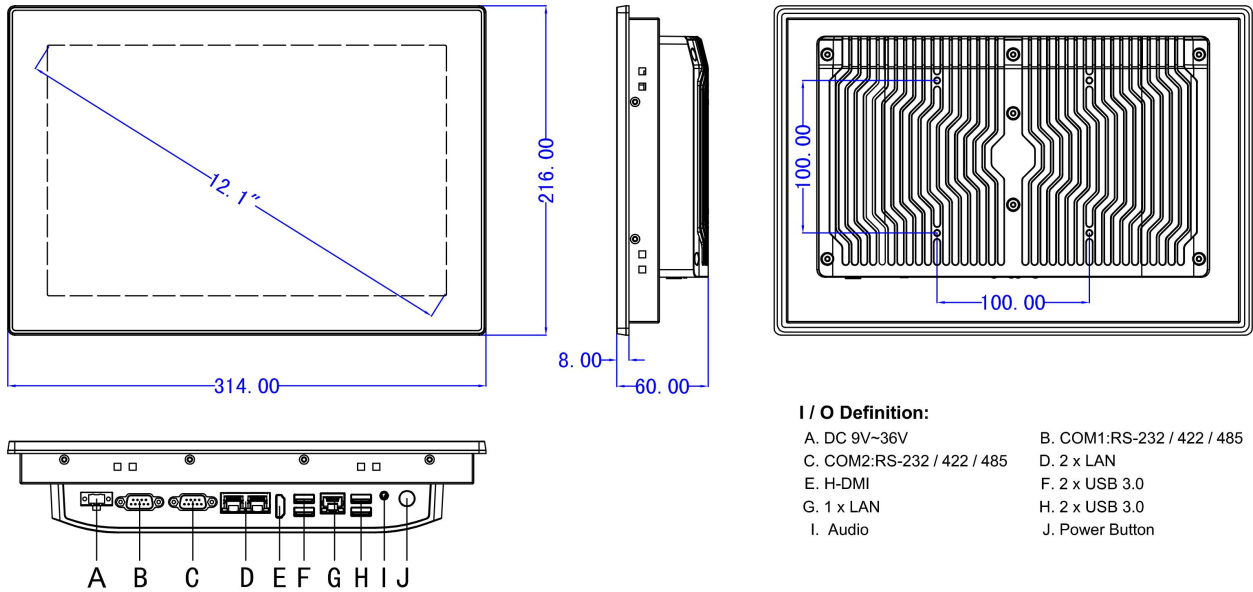
SPECIFICATIONS

System		Touch screen	
CPU	Intel® Elkhart Lake Celeron J6412 Quad-core 2.0GHz , TDP 10W	Touch Type	10 point PCAP
L2 Cache	1.5MB	Surface Hardness	≥7H
System Chipset	Integrated with Intel® SoC	Power	
Memory	DDR4L 3200MHz 4GB, MAX 32GB	Power Adapter	1 x Optional AC/DC 12V/5A , 60W
Harddisk	1 x M.2 120G SSD (250G / 500G / 2TB SSD) / 1 x 2.5" SATA	Power Mode	Support AT, ATX Mode
Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors	Power Input	2-pin Terminal Block Connector with Power Input 9~36VDC
Network	Intel® 225-V GbE LAN	Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection)
Audio	Realtek ACL897 Audio controller	Power Consumption	≤30W
TPM	TPM 2.0	Physical	
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset	Material	Aluminum alloy panel, anodized treatment
Operation System	Windows 10 / 11 , Linux, Ubuntu	Mounting	Stand / Wall / VESA / Panel
I / O		Dimension (WxHxD)	314 x 216 x 60 mm
VIDEO	1 x H-DMI	Cut-out Size	300 x 203 mm
LAN	3 x LAN (10/100/1000/2500 Mbps)	Packing Size	450 x 170 x 350 mm
USB	4 x USB 3.0	Weight (Net)	2.6 KG
COM	2 x RS-232 / 422 / 485	Environment	
Audio	1x Audio_out & Mic_in	Operating Temperature	-20~70°C (-4~158°F)
Wireless Network	Optional (WiFi / Bluetooth / 4G / 5G)	Storage Temperature	-30~80°C (-22~176°F)
Display		Relative Humidity	5%~95%@40°C, non-condensing
LCD Size	12.1" (16:10)	Vibration Protection	1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Resolution	1280 x 800	IP Level	Front Panel IP66
Brightness (cd/m ²)	400 cd/m ²	EMC	CE, FCC , ROHS
Contrast Ratio	1000:1		
Backlight MTBF	50000 hrs		
Viewing Angle	88 / 88 / 88 / 88 (CR≥10) (L / R / U / D)		





Dimension & I/O



Panel Cutout Dimensions: 300 x 203 mm (11.81 x 8.00 in)

ORDERING INFORMATION

PACKING LIST

- 1x PPC-C012WAC Series Industrial Panel PC
- 1x Utility DVD Driver
- 8x Embedded Buckles
- 1x Power Adaptor

AVAILABLE MODELS

Display Size	Resolution	Format	Brightness(cd/m ²)	Viewing Angle	LCD Color	Backlight MTBF
10.1"	1280 x 800	16:10	400 cd/m ²	85/85/85/85	262K/16.2M	30000 Hr (min.)
10.4"	800x600/1024x768	4:3	350 cd/m ²	80/80/65/75	262K/16.2M	30000 Hr (min.)
12.1"	800x600/1024x768	4:3	500 cd/m ²	88/88/88/88	262K/16.7M	50000 Hr (min.)
12.1"	1280x800	16:10	400 cd/m ²	88/88/88/88	262K/16.7M	50000 Hr (min.)
13.3"	1920x1080	16:9	400cd/m ²	85/85/85/85	262K/16.7M	50000 Hr (min.)
15"	1024x768	4:3	350cd/m ²	89/89/89/89	262K/16.2M	50000 Hr (min.)
15.6"	1920x1080	16:9	450cd/m ²	89/89/89/89	262K/16.2M	50000 Hr (min.)
17"	1280x1024	5:4	400cd/m ²	80/80/70/70	262K/16.7M	50000 Hr (min.)
17.3"	1920x1080	16:9	400cd/m ²	80/80/60/80	262K/16.7M	50000 Hr (min.)
18.5"	1920x1080	16:9	350cd/m ²	85/85/85/85	262K/16.7M	50000 Hr (min.)
19"	1280x1024	5:4	450cd/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)
21.5"	1920x1080	16:9	400d/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)
23.8"	1920x1080	16:9	350cd/m ²	89/89/89/89	262K/16.7M	30000 Hr (min.)

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