



FEATURES

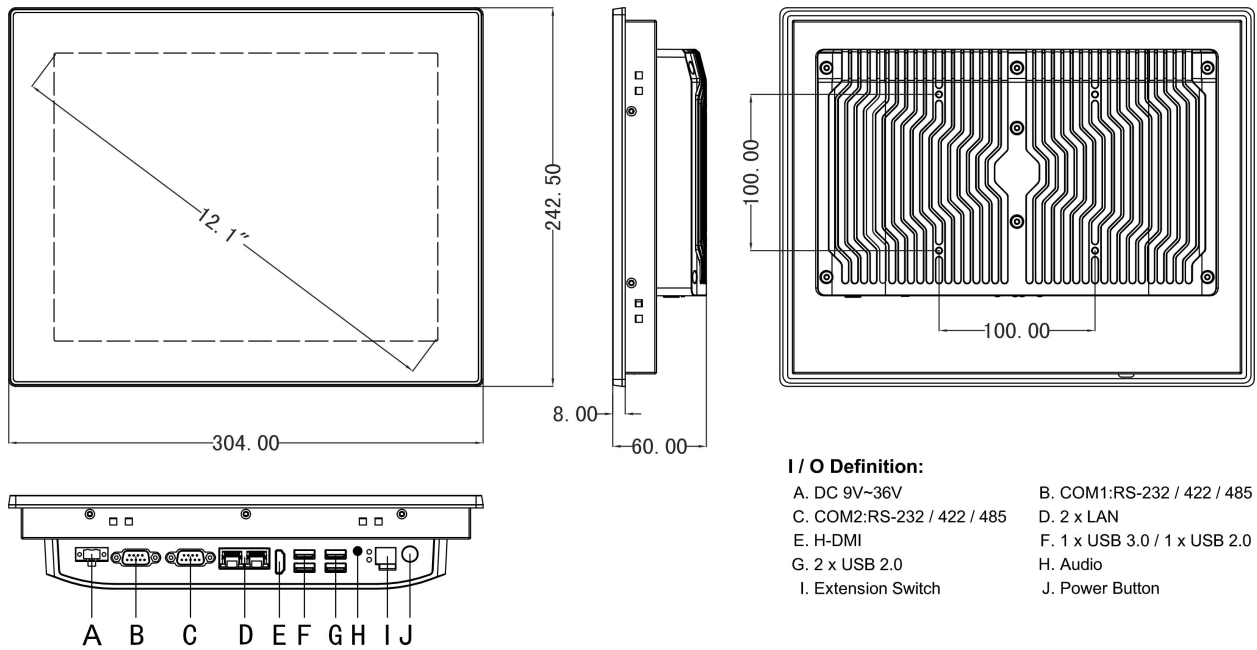
- 12" TFT LED with Resistive Touch
- Intel Celeron Quad Core J1900 2.0GHz
- 1x DDR3L 1333MHz 4GB. Max up to 8GB
- 2xLAN, 2xRS232/422/485, 8KV Static Electricity & 600W TVS Surge Protection
- Built-in TPM2.0 for Hardware-based Security
- Wide voltage DC 9V~36V, with overcurrent, overvoltage and reverse connection protection
- -20°C ~ 70°C extended operating temperature
- IP65 Compliant Front Panel

SPECIFICATIONS

System		Touch screen	
CPU	Intel Celeron Quad Core J1900 2.0GHz	Touch Screen Type	5 Wire Resistive touch
L2 Cache	2MB	Transmittance	>80%
Chipsets	Intel Bay Trail SOC	Response Time	<10ms
Memory	DDR3L 1333MHz 4GB, Up to 8GB	Surface Hardness	≥3H
Harddisk	1 x mSATA 64G SSD / (128G / 250G / 500G SSD) optional	Supply Voltage	5.0V DC
Graphics	Intel HD Graphics	Touch Life	≥ 3500W
Network	Intel® I211-AT GbE LAN	Instiutional	
Audio	Realtek ACL662 Audio controller	Material	High-strength Al-alloy, support IP65
TPM	TPM 2.0	Color	Gray
Operation System	Windows7 / 8 / 10, Linux, Ubuntu, Debian	VESA Mounting	VESA: 100 x 100 mm
I / O		Waterproof Rate	IP65
HDMI	1 x H-DMI	Product Dimension	304 x 243 x 60 mm
LAN	2 x LAN	Cut-out Size	290 x 229 mm
USB	3 x USB2.0 / 1 x USB3.0	Packing Size	450 x 170 x 350 mm
COM	2 x RS-232 / 422 / 485	Gross Weight	5 KG
Wireless Network	4G / WiFi / Bluetooth (Optional)	Power and Environment	
Other I/O Interface	1 x Power Switch	Operating Temperature	-20~70°C
LCD Panel		Storage Temperature	-30~80°C(-22~176°F)
Panel Size	12" LED	Relative Humidity	5%~95%@40°C, non-condensing
Resolution	1024 x 768 / 800 x 600	Vibration Range	5-500 Hz, 0.026 G2/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Aspect Ratio	4:3		
Display Brightness	400 cd/m2	External Power Supply	AC 100 - 240V~50/60Hz,1.5A
Backlight Lifetime	50000 Hr (min.)	Working Voltage	DC IN 9V~36V
Viewing Angle	80 / 80 / 65 / 75 (CR≥10) (L / R / U / D)	Power Consumption	≤30W



Dimension & I/O



I / O Definition:

- A. DC 9V~36V
- B. COM1:RS-232 / 422 / 485
- C. COM2:RS-232 / 422 / 485
- D. 2 x LAN
- E. H-DMI
- F. 1 x USB 3.0 / 1 x USB 2.0
- G. 2 x USB 2.0
- H. Audio
- I. Extension Switch
- J. Power Button

Panel Cutout Dimensions: 290 x 229 mm (11.42 x 9.0 in)

ORDERING INFORMATION

PACKING LIST

- 1x PPC-J012SAR Series Industrial Panel PC
- 1x Utility DVD Driver
- 8x Embedded Buckles
- 1x Power Adaptor

AVAILABLE MODELS

Display Size	Resolution	Format	Brightness(cd/m2)	Viewing Angle	LCD Color	Backlight MTBF
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	400 cd/m ²	80/80/65/75	262K/16.7M	30000 Hr (min.)
12.1"	1280x800	16:10	450cd/m ²	80/80/80/60	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	600cd/m ²	80/80/80/65	262K/16.2M	50000 Hr (min.)
17"	1280x1024	5:4	400cd/m ²	88/88/88/88	262K/16.7M	50000 Hr (min.)
19"	1280x1024	5:4	450cd/m ²	85/85/80/80	262K/16.7M	50000 Hr (min.)
21.5"	1920x1080	16:9	250cd/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)

