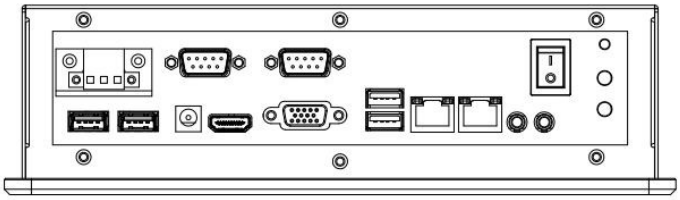
IPC-0801A

8.4" Industrial Panel PC

with Intel® Celeron® J1900 quad-core Processor

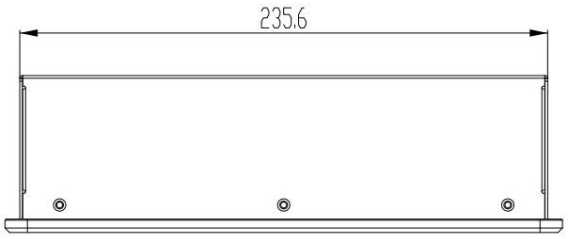
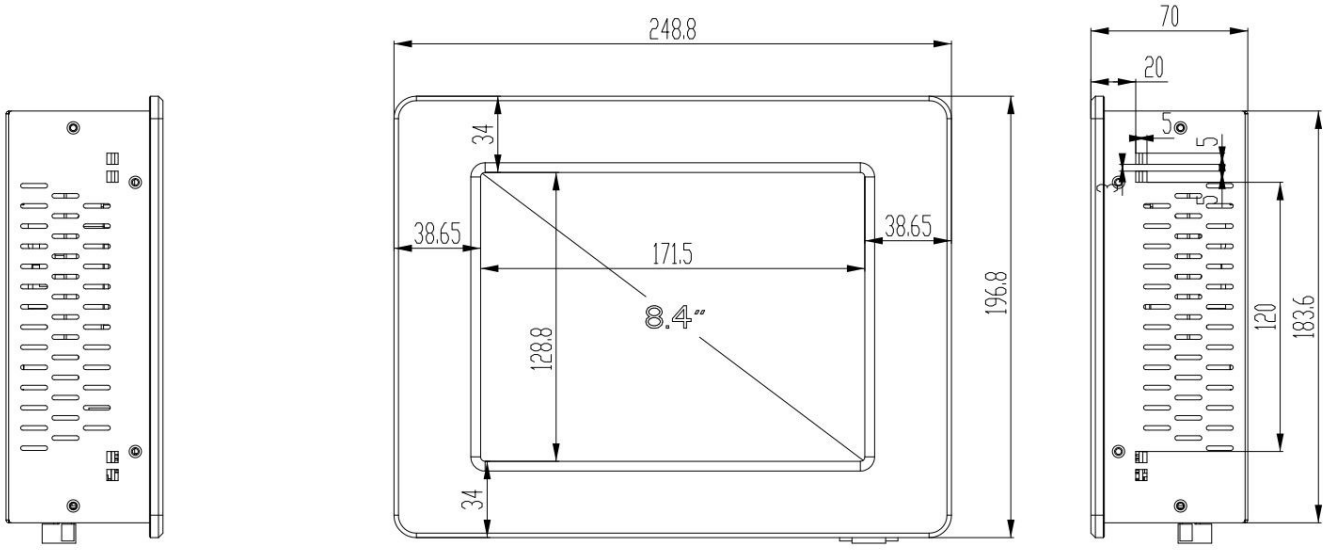
- 8.4" XGA TFT LCD Panel support 800 x 600, 350 cd/m²
- Aluminum front bezel with resitive touch screen
- Intel® Celeron® J1900 quad-core 2.0 GHz CPU
- 2x COM, 4x USB, HDMI®, VGA, LVDS
- 2x LAN, 1x Audio / MIC
- 4GB RAM (8GB optional), SSD/HDD optional
- DC 9-32V power supply input



	Items	Descriptions
Chassis	Color	Black
	Construction	Front aluminum bezel and steel chassis
Motherboard	CPU	Intel® Celeron® J1900 quad-core 2.0GHz CPU
	Chipset	Intel® Bay trail SOC
	System Memory	DDR3L 4GB RAM (max 8GB)
Storage	Hard Disk	2.5" SSD/HDD (Size optional)
Ethernet	Interface	2x GbE, Realtek® RTL8111H, 100Mbps/1000Mbps
Display controller		Integrated Intel® HD
System I/O	USB	3x USB 2.0, 1x USB3.0
	COM	2x RS232
	Other I/O	VGA, HDMI®
	Expansion	1x mini PCIe, support WiFi, 4G module
Power	Power switch	1x power switch
	Power Input	DC 12V power input via DC Jack or DC 9-32V power input via 3P terminal block
LCD Panel	Display Type	8.4" XGA TFT LCD
	Resolution	800 x 600
	Max.color	16.2M
	Luminance	350 cd/m²
	View Angle	160°(H), 140°(V)
	Pixel Pitch	0.213 x 0.213 mm
	Contrast Ratio	600:1
	Response Time	30 ms
	LCD MTBF	50.000 hrs

All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.

	Items	Descriptions
Mechanical and Environmental	Dimensions (WxDxH)	248.8 x 196.8 x 70 mm
	Weight	Net: 4 kg, Gross: 5.6 kg
	Operating temperature	-10°C~ 60°C
	Storage temperature	-20°C ~ 70°C
	Storage humidity	5% to 95% @40°C non-condensing
	Anti-Vibration	17 Hz-500 Hz 1G PTP
	Anti-Shock	1G / peak (11m sec)
	Certified	CE, ROHS
Touch Screen	Type	Resistive type touch screen with internal USB interface controller
	OS Support	DOS, Windows 10, Netware, Unix, Linux

Ordering Information

Part No.	Descriptions
IPC-0801A	8.4” All in one PC support Intel® Celeron® J1900 quad-core 2.0 GHz processor, 4GB RAM (optional 8GB), 2x COM, HDMI®, VGA, 4x USB, 2x LAN, 1x Audio/MIC, Resistive Touch Screen