

IPC-18PF

18.5" WXGA rugged design Aluminum Industrial Panel PC



Features

- 18.5" WXGA LED Panel 1366x768 with touch screen
- Intel® Celeron® Processor J1900 Processor
- Preload 2G RAM (Max 8G)
- 6x COM (1xRS422/485), 1x HDMI, 1xVGA, 4xUSB, 2xLAN, 1xAUDIO and MIC
- Offers 1 x Mini PCIe slot, for wireless LAN
- Rear panel with power LED and HDD LED Indication
- DC12V input (option Wide range DC 9-36V input)
- 6mm Robust aluminum with IP65 front bezel design
- Panel (Flush) mount with clip or Standard VESA 100x100mm support stand, wall mount and swing arm

Specifications

Main System	
Processor	Onboard Intel® Celeron® Processor J1900 processor
Chipset	Intel Bay trail SOC
Memory	Preload 2GB Ram(Max 8G)
Storage	2.5" SATA HDD/SSD; Preload 500GB HDD
Ethernet	2x Realtek® RL8111x (Gigabit) 10/100/1000Ethernet
Graphic	Intel® HD chipset
Audio	Realtek® ALC662, 5.1 channel surround Audio
USB Port	3x USB2.0 and 1x USB3.0
Serial Port	6x COM(5x RS232, 1 x RS422/485)
Vedio Port	1x HDMI and 1x VGA(DB-15 Connector)
Audio Port	1x Audio (Mic-in / Line-out)
Power switch	1 x power switch
Expansive Slot	1 x Mini PCIe
Power supply	1x 3Pin DC power input terminal block DC Input Voltage : 12v, with External AC adapter; Output Rating 28W Optional Wide range DC 9-36V input
OS support	Windows 10/8/7, Linux
Construction	6mm Front aluminum bezel and steel chassis
LCD Panel	
Display Type	18.5" WXGA TFT LCD LED Backlight
Resolution	1366*768
Max.color	16.7M
Luminance	250 cd/m2
View Angle	170°(H) , 140°(V)
Contrast Ratio	700:1
Response Time	12 ms
LCD MTBF	50, 000hrs
Touch Screen	
Type	Resistive touch screen
Controller Interface	Internal USB interface controller
Resolution	Continuous
Light Transmission	81% or more

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Operating Force	≤100g
Life Expectancy	35 Million

Environmental

Operating temperature	0 ~ 50°C (32 ~ 125°F)
Storage temperature	-4 °F~140 °F (-20 °C to 60 °C)
Storage humidity	10% to 90% non-condensing
Anti-Vibration	17HZ-500 HZ 1G PTP
Anti-Shock	1G / peak(11m sec)
Ingress Protection	Front panel IP65/NEMA4

Packing Info

Dimensions (WxHxD)	480x 300 x 68mm
NET Weight	10.5 kg

Ordering informations

IPC-18PF	18.5" WXGA Fanless Industrial Panel PC with Intel® Celeron J1900 Processor, with 2G RAM, 2.5" 500G HDD, with Resistive Touch Screen, DC12Vinput External AC adapter
IPC-18PFL	IPC-18PF + Mini-PCWireless Lan card with antenna

Dimensions Diagram

