

Stainless Steel Front Bezel Panel PC with Intel® Core™ i or Celeron® Processor

Overview

The SFPC-9120 is a 12.1-inch stainless steel front bezel panel PC powered by Intel® Core™ U-series or Celeron® processors. Its modular design enables seamless upgrades, while its low power consumption, extensive I/O connectivity, and optional Wi-Fi module expansion deliver exceptional versatility. Crafted from SUS304 stainless steel, the front panel ensures durability and hygiene, making it ideal for the food and beverage manufacturing industry. With its all-metal construction, the SFPC-9120 excels in industrial applications and factory automation, standing out as a robust and efficient HMI platform.

Features

- 12.1" LED-backlit LCD with capacitive or resistive touch screen
- Rugged aluminum enclosure and fanless design
- Supports 10th Gen Intel® Core™ i5/i7 or celeron® processor
- 2 x COM, 4 x USB, 2 x LAN, 1 x VGA, 1 x HDMI
- Supports Wi-Fi 6, 4G
- Supports VESA 100 mount and panel mount
- SUS 304 Stainless steel front panel



Operating Temp.



Fanless



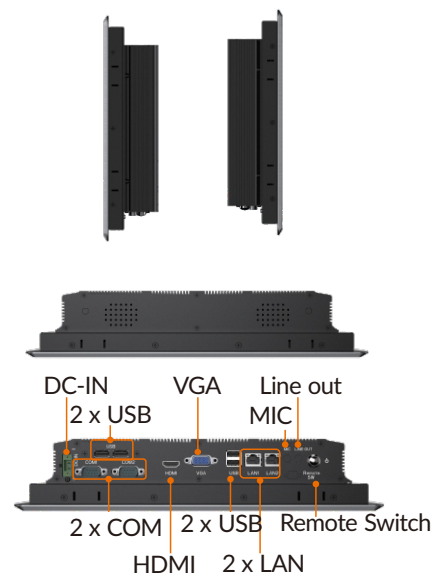
Ip65



Touch Display



I/O Interfaces



Specifications

Display	
Size	12.1 inch
Touch Type	Projected capacitive multi touch 5-wire resistive touch
Resolution	1024 x 768
Luminance	450 nits
LED Lifetime	50,000 hrs
Color	16.7M
System	
CPU	Intel® Celeron® J6412 processor Intel® Core™ i5-6200U processor Intel® Core™ i5-10210U processor Intel® Core™ i7-10710U processor
Memory	1 x full length Mini PCIe for mSATA SSD
Storage	1 x 2.5" SATA HDD/SSD (optional) 1 x full length Mini PCIe for mSATA SSD"
I/O Ports	
USB	2 x USB 2.0, 2 x USB 3.0
Serial	2 x COM (1 x RS-232, 1 x RS-232/422/485)
Ethernet	2 x GbE LAN
Display Port	1 x HDMI, 1 x VGA
GPIO	optional
Expansion Slot	
Mini PCIe	1 x full length Mini PCIe for Wi-Fi or mSATA
M.2	Mini PCIe expansion (optional)
RF Communication	
Wi-Fi	Mini PCIe expansion (optional)
Cellular	Mini PCIe expansion (optional)
Bluetooth	Mini PCIe expansion (optional)
Audio	
Audio	Mic in, line out
Speaker	2Ω 5W speaker (optional)
Power	
DC Input	12VDC, 9 to 36V(optional)
Power Adapter	AC-DC, 12V@5A, 60W,12V@7A, 84W
Operating System	
Windows	Windows 10, Windows 11
Mechanical	
Dimensions (W x D x H)	327.7x 266.2 x 64 mm (12.90 x 10.48x 2.52 inches)
Weight (N.W.)	4.6 kg (10.14 lbs)
Mounting	Panel mount, wall mount bracket VESA 100
Material	Stainless Steel SUS 304 panel, all-metal chassis
Environment	
Operating Temperature	-10°C to 50°C(14°F to 122°F) -20°C to 60°C (-4°Fto 140°F)(with W.T. SSD/DRAM)
Vibration	5-500Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
IP Rating	IP65 (for front panel)

Dimensions

