

.XSP-25121D1

12.1" IP66 Stainless Steel Panel PC with Intel® Celeron® J6412 Processor

Overview

The 12.1-inch XSP-25121D1 Stainless Steel Panel PC, powered by Intel® Celeron® J6412 processor, is specifically designed for the food processing and pharmaceutical industries. Its housing is constructed from SUS 304/316 stainless steel with a seamless design, making it easy to clean and highly durable. The XSP-25121D1 is compact and equipped with M12 I/O ports, meeting IP66 dust and waterproof standards, making it ideal for dusty, humid, or harsh environments.

Features

- Intel® Celeron® J6412 processor
- 12.1" stainless steel panel PC with capacitive or resistive touchscreen
- Seamless stainless steel SUS304/316 housing
- M12 I/O connectors
- -10°C to 50°C wide operating temperature range
- Fanless and IP66 protection
- 9 to 36 VDC input



Windows
11/10



Fanless



IP66

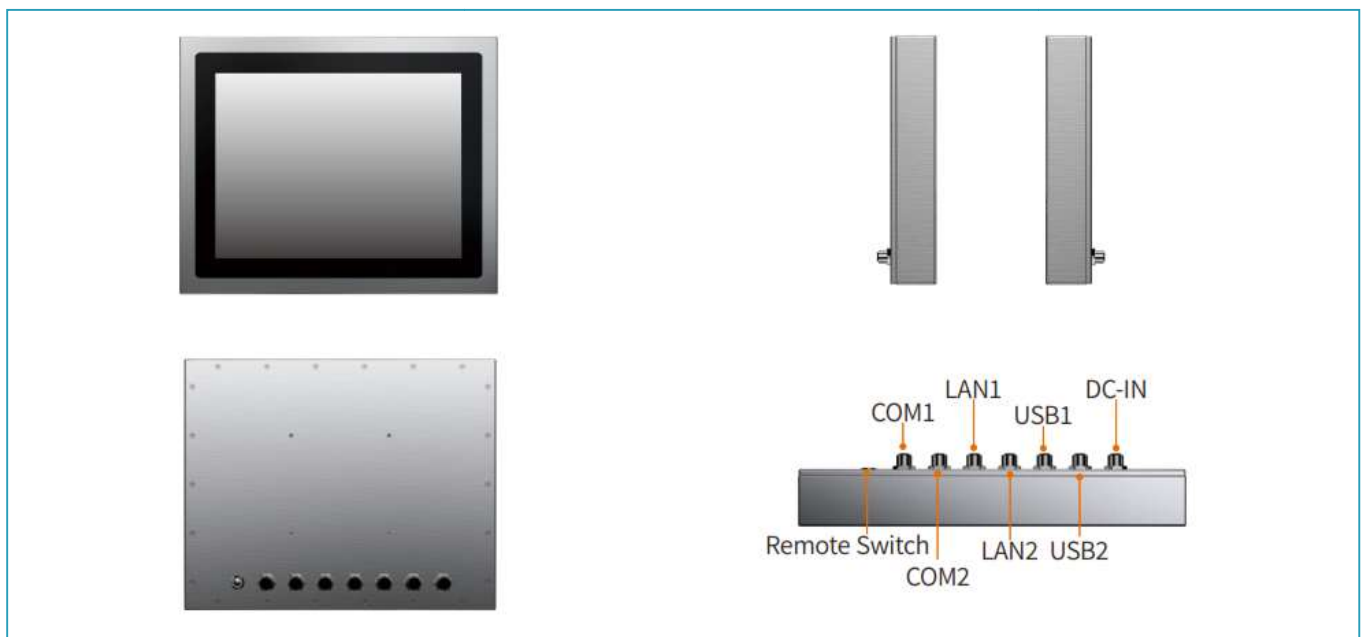


Touch
Display



Wide
Temp.

I/O Interfaces



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Specifications

DISPLAY	
Size	12.1-inch
Touch type	Projected capacitive multitouch 5-wire resistive touch
Transmittance	87% (capacitive) 80% (resistive)
Control Interface	USB
Surface Hardness	≥7H for capacitive ≥3H for resistive
Resolution	1024 x 768
Luminance	450 nits
Contrast ratio	1000:1
View angles	89 (left), 89 (right), 89 (up), 89 (down)
LED Lifetime	50 000 hrs
Color	16.7M
SYSTEM	
CPU	Intel® Celeron® J6412 (2.0 GHz) processor
Memory	1x SO-DIMM DDR4-3200MHz, up to 16GB
Storage	1x 2.5" SATA HDD/SSD (optional) 1x full length Mini PCIe for mSATA SSD
Operating System	Windows 10 Windows 11
I/O PORTS	
USB	4x USB 2.0
Serial	2x COM : 2x RS-232 Or 1x RS-232 and 1x RS-485
Ethernet	2x GbE LAN
RF COMMUNICATION	
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac (Optional)
Bluetooth	Bluetooth 4.0 (Optional)
POWER	
Button	Yes
DC Input	9 to 36VDC
Power Consumption	18W
Power Mode	ATX
MECHANICAL	
Dimensions (W x D x H mm)	320 x 253.5 x 47 mm (12.6 x 9.98 x 1.85 inches)
Weight (kg)	3.3 kg (7.28 lbs)
Mounting	VESA 100
Material	Stainless steel SUS 304 or 316 (optional)
ENVIRONMENT	
Operating Temperature	-10°C to 50°C (14°F to 122°F) -20°C to 60°C (-4°F to 140°F)(with W.T. SSD/DRAM)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Relative Humidity	5% to 90%, non-condensing
IP Rating	IP66 compliant

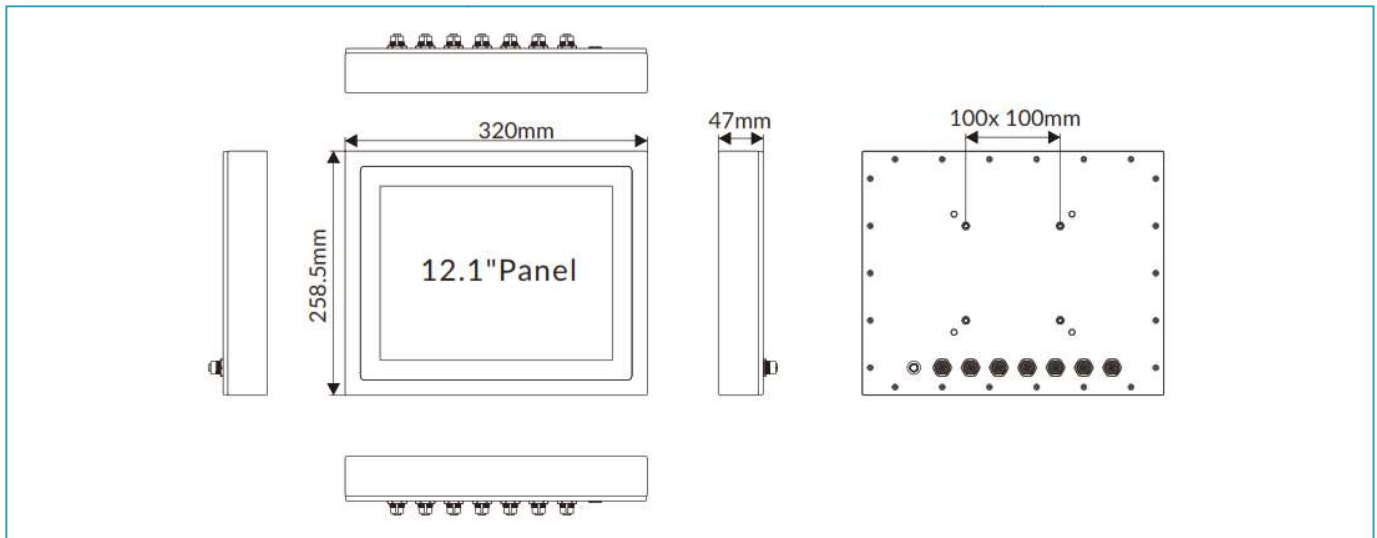
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PACKING LIST

Packing	1x XSP-25121D1 2x M12 to RJ45 Ethernet cable 2x M12 to USB cable 2x M12 to DB9 cable 1x AC-DC power adapter 1x AC power cord
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Dimensions



Ordering Information

Ref.	Description
XSP-25121D1J6412R	12.1" LCD, Intel Celeron J6412, Resistive, BARE model, DC 9~36V input, M12 3P
XSP-25121D1J6412C	12.1" LCD, Intel Celeron J6412, P-Cap, BARE model, DC 9~36V input, M12 3P