

.XSP-25185D1

18.5" IP66 Stainless Steel Panel PC with 12th Gen Intel® Core™ or Intel® Celeron® Processor

Overview

The 18.5-inch XSP-25185D1 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-25185D1 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

- 12th Generation Intel® Core™ i5-1235U or Celeron J6412 processor
- 18.5" 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

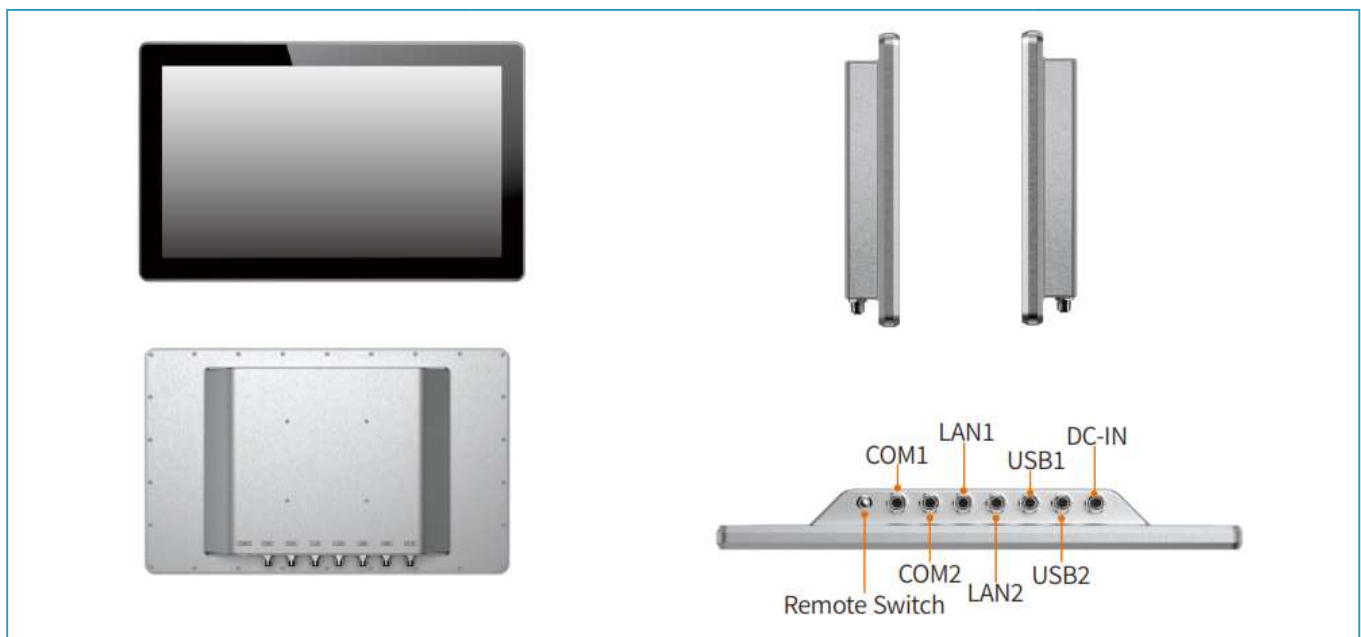


Touch
Display



Wide
Temp.

I/O Interfaces



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Specifications

DISPLAY		
Size	18.5-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	1920 x 1080	
Luminance	300 nits	
Contrast ratio	1000:1	
View angles	89 (left), 89 (right), 89 (up), 89 (down)	
LED Lifetime	30 000 hrs	
Color	16.7M	
SYSTEM		
CPU	Intel® Celeron® J6412 (2.0 GHz) processor	Intel® Core™ i5-1235U (1.3 GHz) processor
Memory	1x SO-DIMM DDR4-3200MHz, up to 16GB	2x SO-DIMM DDR4-3200MHz, up to 64GB
Storage	1x 2.5" SATA HDD/SSD (optional) 1x full length Mini PCIe for mSATA SSD	1x 2.5" SATA HDD/SSD (optional) 1x M.2 for 2280 NVME 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	29W
Power Mode	ATX	
MECHANICAL		
Dimensions (W x D x H mm)	472.3 x 293 x 55 mm (18.6 x 11.5 x 2.2 inches)	
Weight (kg)	7.3 kg (16.1 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	

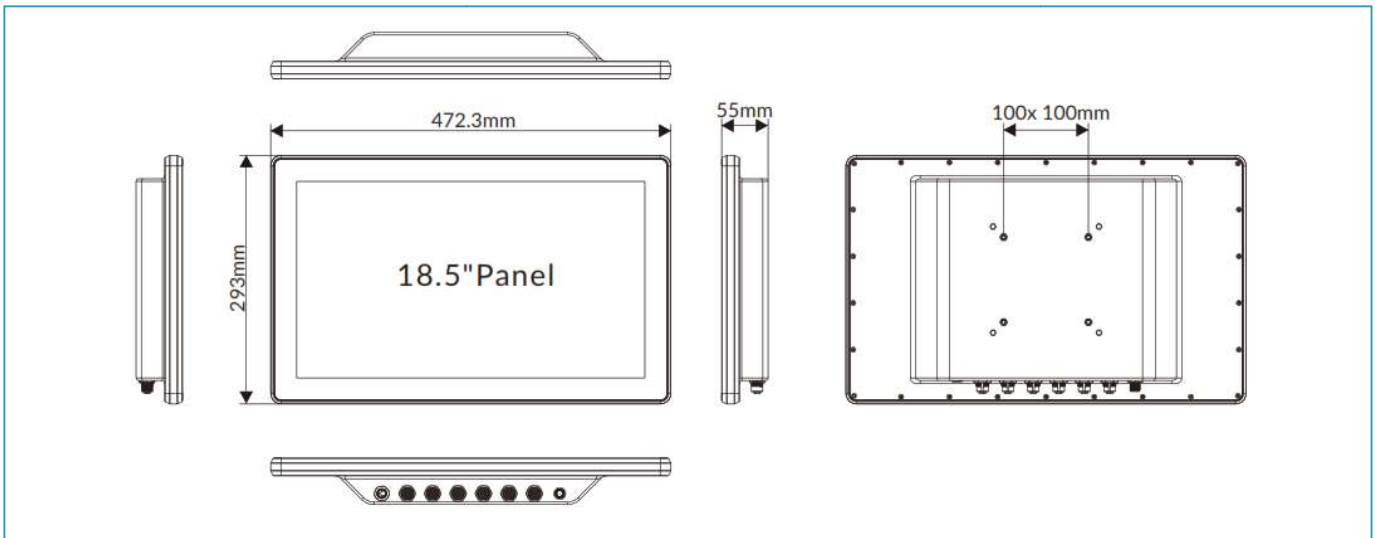
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PACKING LIST

Packing	1x XSP-25185D1 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-25185D1J6412R	18.5" LCD, Intel Celeron J6412, Resistive, BARE model, DC 9~36V input, M12 3P
XSP-25185D1J6412C	18.5" LCD, Intel Celeron J6412, P-Cap, BARE model, DC 9~36V input, M12 3P
XSP-25185D1I512UR	18.5" LCD, Intel Comet Lake Core-i5-1235U, Resistive, BARE model, DC 9~36V input, M12 3P
XSP-25185D1I512UC	18.5" LCD, Intel Comet Lake Core-i5-1235U, P-Cap, BARE model, DC 9~36V input, M12 3P