.XIP-21101D1

10.1" Industrial Touch Panel PC with Intel® Celeron® Processor

Overview

The XIP-21101D1 series is a 10.1" fanless industrial Panel PC based on the Intel® Celeron® processor J Series. It features a modular design to allow easy CPU board or I/O board upgrades to fulfill customer needs. The XIP-21101D1 series offers low-power consumption, rich I/O connectivity, and Wi-Fi module expansion. It boasts a sleek design with an IP65 aluminum alloy front panel and a durable metal body, offering superior heat dissipation and high reliability for operation in harsh industrial environments. The XIP-21101D1 series is an excellent HMI platform for industrial applications and factory automation.

Features

- 10.1" LED-backlit LCD with capacitive or resistive touch screen
- Rugged aluminum enclosure and fanless design
- Intel® Celeron® processor J series
- 1x COM, 3x USB, 2x LAN, 1x VGA
- Wi-Fi support
- VESA 75 mount and panel mount compatibility
- IP65 compliant front panel

Windows 11/10 | Fanless | Operating Temp. | Touch Display | IP65

I/O Interfaces

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Specifications

DISPLAY		
Size	10.1-inch	
Touch type	Projected capacitive multitouch 5-wire resistive touch	
Transmittance	87% (capacitive) 80% (resistive)	
Control Interface	USB	
Surface Hardness	≥7H ≥3H	
Resolution	1280 x 800	
Luminance	350 nits	
Contrast ratio	1000:1	
View angles	80 (left), 80 (right), 80 (up), 80 (down)	
LED Lifetime	25 000 hrs	
Color	16.7M	
SYSTEM		
CPU	Intel® Celeron® J1900 (2.0 Ghz) processor	Intel® Celeron® J6412 (2.0 GHz) processor
Memory	1x SO-DIMM DDR3-1333 / 1600MHz up to 8G	1x SO-DIMM DDR43200MHz up to 16GB
Storage	1x full length Mini PCIe for mSATA SSD	
Operating System	Windows 7 Windows 10	Windows 10 Windows 11
I/O PORTS		
USB	1x USB 3.0, 2x USB 2.0	
Serial	1x COM : RS-232	
Ethernet	2x GbE LAN	
Display	1x VGA	
Antenna	2x SMA antenna holes	
EXPANSION SLOT		
Mini PCIe	1x full length Mini PCIe for Wi-Fi 1x full length Mini PCIe for mSATA	
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	2Ω5W speaker (optional)	
POWER		
Button	M8	
Remote Power On/Off	1x Remote switch connector	
DC Input	12 VDC	
Power Connector	2-pin phoenix terminal	
Power Consumption	15W	
Power Adaptor	AC-DC, 12V@5A, 60W	
MECHANICAL		
Dimensions (W x D x H mm)	261.5 x 174.6 x 38.6 mm (10.3 x 6.9 x 1.5 inches)	
Weight (kg)	1.8 kg (4 lbs)	

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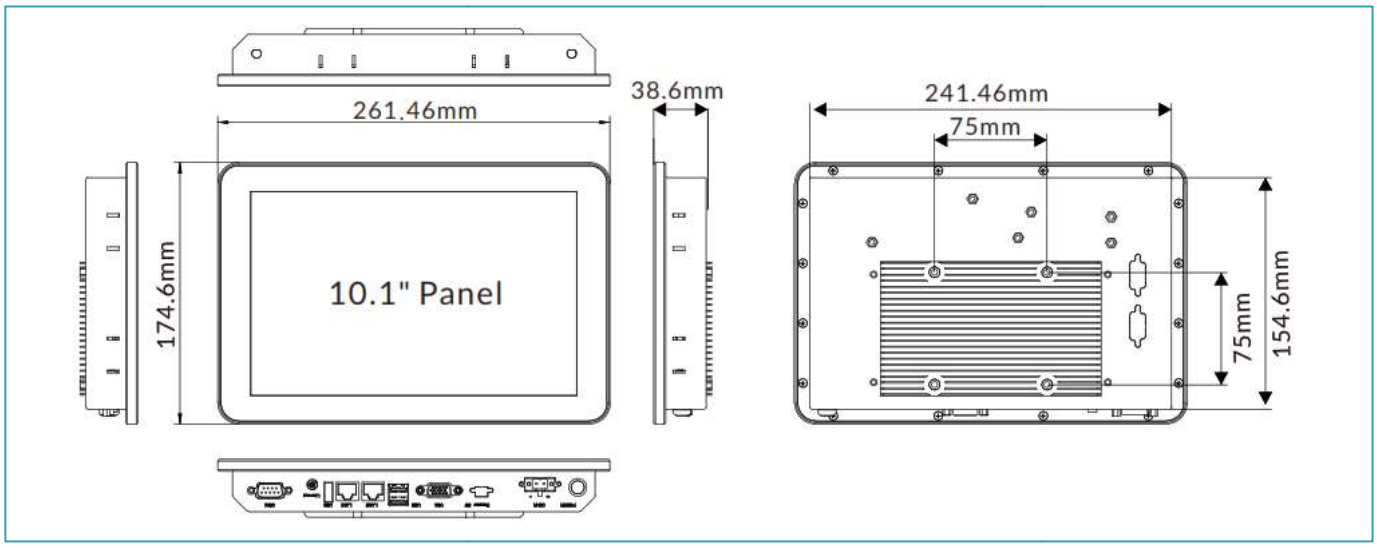
Mounting	Panel mount Wall mount bracket VESA 75
Material	Aluminum alloy panel All-metal chassis
ENVIRONMENT	
Operating Temperature	-10°C to 50°C (14 to 122°F)
Storage Temperature	-20°C to 60°C (-4 to 140°F)
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing
Vibration	5-500Hz, 0.026 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
IP Rating	IP65 compliant (Front Panel)
CERTIFICATION	
EMC	CE, FCC
PACKING LIST	
Packing	1x XIP-21101D1 1x AC-DC power adapter 6x Panel mounting buckles 1x Warranty card

Dimensions



Ordering Information

Ref.	Description
XIP-21101D1J1900R/	10.1" LCD, Intel Celeron J1900, Resistive, DC 12V input, Phoenix 2P TB
XIP-21101D1J1900C/	10.1" LCD, Intel Celeron J1900, P-Cap, DC 12V input, Phoenix 2P TB
XIP-21101D1J6412R/	10.1" LCD, Intel Celeron J6412, Resistive, DC 12V input, Phoenix 2P TB
XIP-21101D1J6412C/	10.1" LCD, Intel Celeron J6412, P-Cap, DC 12V input, Phoenix 2P TB