

► Introduction



UTC-W21X1G is a 21.5-inch industrial panel PC with a food-grade stainless steel chassis and full IP69K protection. Built on CESIPC's LEGO-Mode modular architecture, it supports multiple CPU platforms for flexible deployment. **Ideal for dairy, seafood, meat processing, and medical industries, it withstands high-pressure washdowns, resists corrosion, and operates reliably in harsh, hygienic environments.**

- ★ Multi-platform, Multi-tier CPU options
- ★ Stainless Steel 304 Case, Fanless Cooling System

- ★ Whole IP69K Level Grade
- ★ DC 9~36V Power Input

► Specifications

System Core

CPU	Celeron J1900	Celeron J6412	Core i3-10110U	Core i5-10210U	Core i7-10510U	Core i3-1215U	Core i5-1235U	Core i7-1250U
Cores	4	4	2	4	4	6	10	10
Threads	4	4	4	8	8	8	12	12
Frequency	2.0-2.4	2.0-2.6	2.1-4.1	1.6-4.2	1.8-4.9	1.2-4.4	1.3-4.4	1.1-4.7
Cache	2MB	1.5MB	4MB	6MB	8MB	10MB	12MB	12MB
TDP	10W	10W	15W	15W	15W	15W	15W	9W
Graphics	HD	UHD	UHD	UHD	UHD	UHD Graphics	Iris Xe	Iris Xe
Memory	4-8GB DDR3L	4-16GB DDR4	4-32GB DDR4			8-32GB DDR5		
Storage	1 x mSATA SSD		1 x mSATA/ 1 x M.2 SSD			2 x M.2 SSD		

Power Supply

DC Input	1 × 4-pin Aviation Connector for 12V DC 9-36V DC Optional
Booting	1x AT/ATX Mode Switch (Internal settings)

Wireless Communication

Wi-Fi	Intel N6235 300Mbps, 802.11a/b/g/n, 2.4G / 5G
Wireless Network	4G LTE Full Netcom Module

I / O Ports

CPU	Celeron J1900	Celeron J6412	Core i3-10110U	Core i5-10210U	Core i7-10510U	Core i3-1215U	Core i5-1235U	Core i7-1250U
USB 2.0	2xUSB with 2 Aviation Connectors							
COM	4xRS232 with 2 Aviation Connector (RS485/422 Optional)							
Ethernet	1x10/100/1000Mbps Ethernet with 1 Aviation Connector							

- Intel® Celeron® Processor J1900
- Intel® Celeron® Processor J6412
- Intel® Core™ 10th Processor
- Intel® Core™ 12th Processor



LCD Panel

LCD Size	21.5inch Panel Size
Resolution	1920x1080 / 16:9
Brightness (cd/m2)	300
Contrast Ratio	500 : 1
Backlight LED Life Time	50,000 hrs (LED Backlight)

Touch Panel

Touchscreen Type	Resistive 5-wire Projected Capacitive Touch (Optional)
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Mechanical

Dimension	570 (W) × 366.6(D) × 56 (H) mm
Weight	12KG N.W.
Material	Rugged Stainless Steel 304 Casing
Mount	VESA Mount

Environmental

Protection	Whole IP69K Level Compliant
Operating Temperature	-10 °C ~ 60 °C (14~ 140 °F)(extend temperature optional)
Storage Temperature	-20°C ~ 70°C (-4 ~ 158 °F)
Relative Humidity	10%~90% , Non-condensing
EMC	CE, FCC (According to EN 55032 & EN 55035)
Factory	EN IEC 61000-3-2
ODM	ISO9001: 2015
MTBF	BIOS / Boot on LOGO / OEM 60,000 Hours

OS

Windows	Windows 10 / Windows 11 Note: Celeron J1900 can support Windows 7
Linux	Ubuntu 16.04 / 18.04 / 20.04 / 22.04

► Product Images



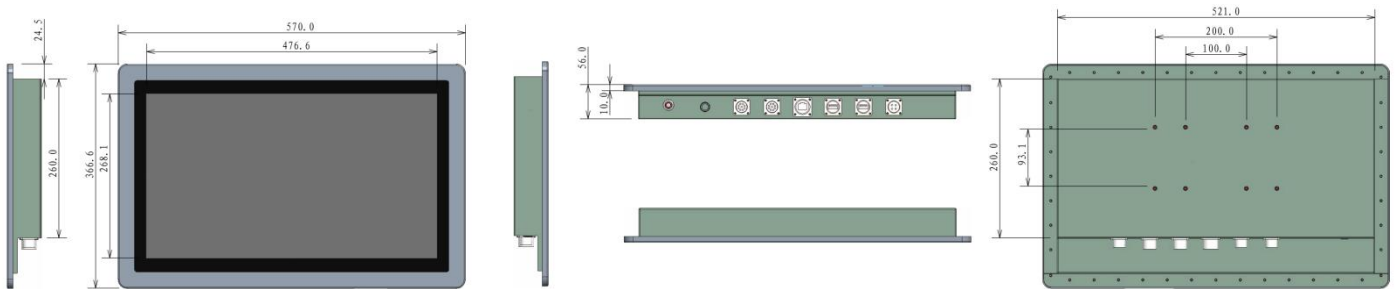
- Intel® Celeron® Processor J1900
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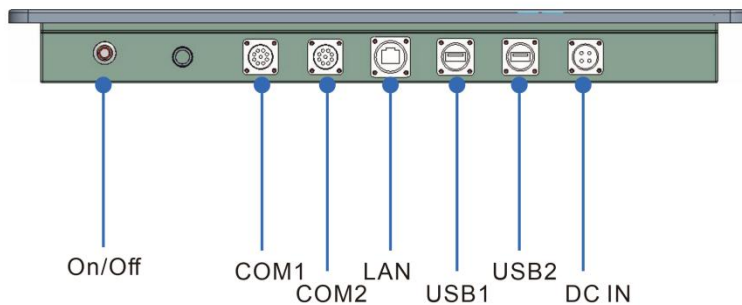
► Applications



► Product Sizes



► I/O



- Intel® Celeron® Processor J1900
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- Intel® Core™ 12th Processor

► Product Selection

NO.	Model	Product Part Number	Describe Information	Standard Memory	Standard Storage
1	UTC-W2161G		Intel® Celeron® Processor J1900 Processor	4GB	SSD 128GB
2	UTC-W2171G		Intel® Celeron® Processor J6412 Processor	8GB	SSD 256GB
3	UTC-W2191G		Intel® Core™ i3-10110U Processor	8GB	SSD 256GB
4	UTC-W2191G		Intel® Core™ i5-10210U Processor	8GB	SSD 256GB
5	UTC-W2191G		Intel® Core™ i7-10710U Processor	8GB	SSD 256GB
6	UTC-W2121G		Intel® Core™ i3-1215U Processor	8GB	SSD 256GB
7	UTC-W2121G		Intel® Core™ i5-1235U Processor	8GB	SSD 256GB
8	UTC-W2121G		Intel® Core™ i7-1255U Processor	8GB	SSD 256GB

Note: CPU model may vary. Contact sales for details