

- Intel® Celeron® Processor J1900
- Intel® Celeron® Processor J6412

- Intel® Core™ 10th Processor
- Intel® Core™ 12th Processor



► Introduction

The UTC-S10X1G is a cutting-edge 10" Panel PC designed with multiple CPU platform options to meet diverse application needs. With its robust IP67 waterproof rating, the UTC-S10X1G ensures exceptional reliability and durability, making it ideally suited for demanding environments such as the food manufacturing industry.

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

- ★ Whole IP67 Level Grade
- ★ DC 9~36V Power Input

► Specifications

System Core

CPU	Celeron J1900	Celeron J6412	I3-10110U	i3-1215U
Cores	4	4	2	6
Threads	4	4	4	8
Frequency	2.0-2.4	2.0-2.6	2.1-4.1	1.2-4.4
Cache	2MB	1.5MB	4MB	10MB
TDP	10W	10W	15W	15W
Graphics	HD	UHD	UHD	UHD Graphics
Memory	4-8GB DDR3L		4-32GB DDR4	4-32GB DDR5
Storage	1 x mSATA SSD		1 x mSATA/ 1 x M.2 SSD	1 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	I3-10110U	i3-1215U
USB 2.0	2xUSB with 2 Aviation Connectors			
COM	2xRS232 with 1 Aviation Connector (RS485/422 Optional)			
Ethernet	1x10/100/1000Mbps Ethernet with 1 Aviation Connector			

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LCD Panel

LCD Size	9.7inch 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	278(W)*225.4(D)*57.8(H)mm
Weight	4KG N.W.
Material	Rugged Stainless Steel 304 Casing
Mount	VESA Mount

Environmental

Protection	Whole IP67/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)
	EN IEC 61000-3-2
Factory	ISO9001: 2015
ODM	BIOS / Boot on LOGO / OEM
MTBF	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



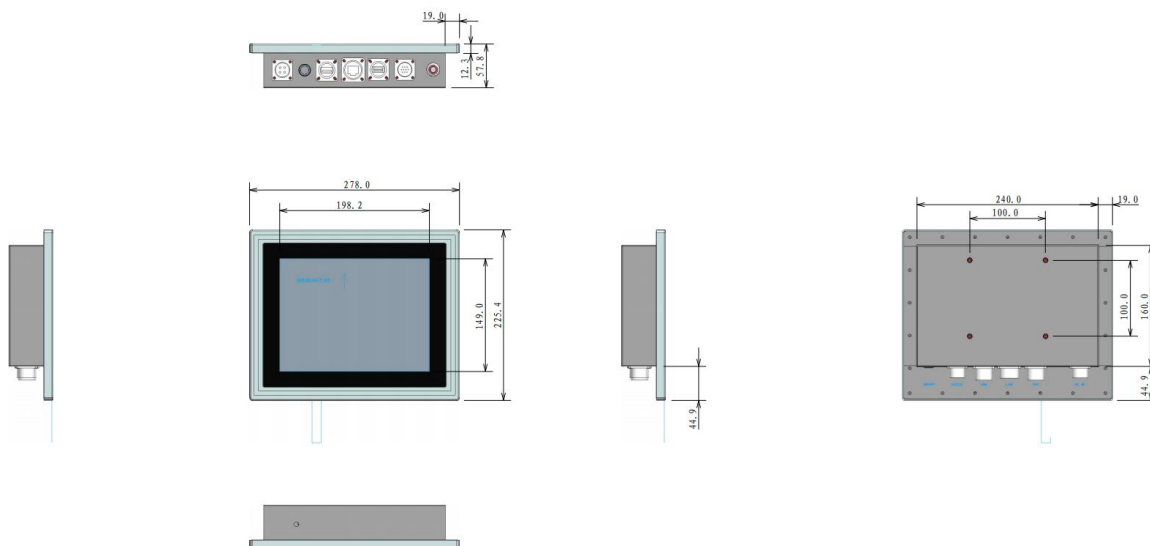
► Applications



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► Product Sizes



► Product Selection

NO.	Model	Product Part Number	Describe Infomation	Standard Memory	Standard Storage
1	UTC-S1061G		Intel® Celeron® Processor J1900 Processor	4GB	SSD 128GB
2	UTC-S1071G		Intel® Celeron® Processor J6412 Processor	8GB	SSD 256GB
3	UTC-S1091G		Intel® Core™ i3-10110U Processor	8GB	SSD 256GB
4	UTC-S1021G		Intel® Core™ i3-1215U Processor	8GB	SSD 256GB

Note: CPU model may vary. Contact sales for details