

► Introduction



The CTN-S19X2G is a cutting-edge 19" Panel PC designed with multiple CPU platform options to meet diverse application needs. Front panel SS304, Real Cover Aluminum, the CTN-S19X2G ensures exceptional reliability and durability, making it ideally suited for demanding environments such as the food manufacturing industry.

- ★ Multi-platform, Multi-tier CPU options
- ★ Board-to-board Design for Stable Performance

- ★ LEGO MODE with Customizable Function Cards
- ★ Front panel SS304, Real Cover Aluminum

► Specifications

System Core

CPU	Celeron J1900	Celeron J6412	I3-10110U	I5-10210U	I7-10510U	i3-1215U	i5-1235U	i7-1250U
Cores	4	4	2	4	4	2-6	2-10	2-10
Threads	4	4	4	8	8	4-8	8-12	8-12
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	1.0-4.7
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 730	Iris Xe	Iris Xe
Memory	4-8GB DDR3L	4-32GB DDR4				4-32GB DDR5		
Storage	1 x mSATA	1 x mSATA/ 1 x M.2 SSD				1 x M.2 SSD		

Power Supply

DC Input	1 × 3-pin Pluggable Terminal Block for 12V DC
	9-36V DC Optional
Booting	AT / ATX

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	i5-10210U	i7-10510U	i3-1215U	i5-1235U	i7-1250U
USB 2.0	5	2	2	2	2	2	2	2
USB 3.0	1	4	4	4	4	4	4	4
RS232	4	4	4	4	4	4	4	4
RS485	2	2	2	2	2	2	2	2
VGA	1	1	1	1	1	1	1	1
HDMI	1	1	1	1	1	1	1	1
Ethernet	2 x Intel I210	2 x Intel I210	2 x Intel I210	2 x Intel I210	2 x Intel I210	2 x Intel I210	2 x Intel I210	2 x Intel I210
Audio	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS

Environmental

Operating Temperature	0~50°C (-40~70°C Optional)
Storage Temperature	-10~60°C
Humidity	10%~90% , Non-condensing

Certs & Services

Product	CE / FCC / BIS
Factory	According to EN 55032 & EN 55035
ODM	ISO9001: 2015
MTBF	BIOS / Boot on LOGO / OEM
	60,000 Hours

Touch Panel

Touch Way	Projected Capacitive Touch (Resistive Touch by Project)
Touch Points	1 – 10 Touch Points

Mechanical

Dimension	455.4 (W) × 380.5 (D) × 74 (H) mm
Cutout Size	418.4 (W) x 343.5 (D) mm
Weight	8.3 KG N.W.
Material	Front panel SS304 + Real Cover Aluminum
Color	Front panel Silver + Real Cover Black
Mount	Wall Mount / VESA Mount

OS

Windows	Windows 10 / Windows 11
Linux	Ubuntu 12.04 / 14.04 / 16.04 / 20.04

LCD Panel

Size	19 inch TFT Panel
Resolution	1280 x 1024 / 4:3
Brightness	300 nits
Contrast	500 : 1
Protection	Front Panel IP65

CESIPC

LEGO MODE TECHNOLOGY

CTN-S19X2A



Compact Embedded Industrial PC

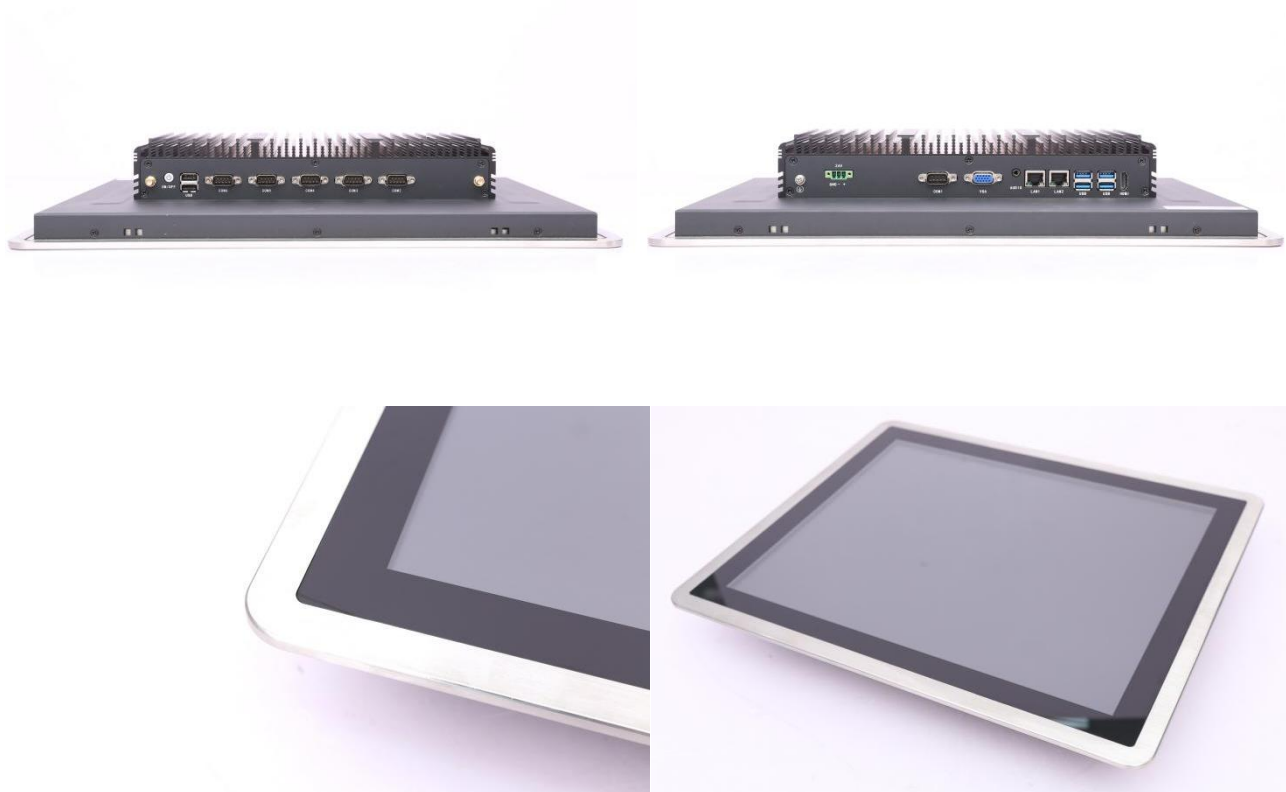
⑥ Intel® Celeron® Processor J1900

⑨ Intel® Core™ 10th Processor

⑦ Intel® Celeron® Processor J6412

② Intel® Core™ 12th Processor

► Product Images



► Applications



Compact Embedded Industrial PC

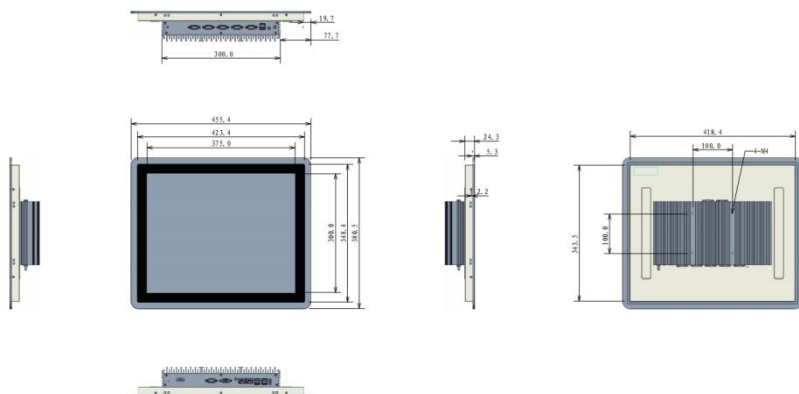
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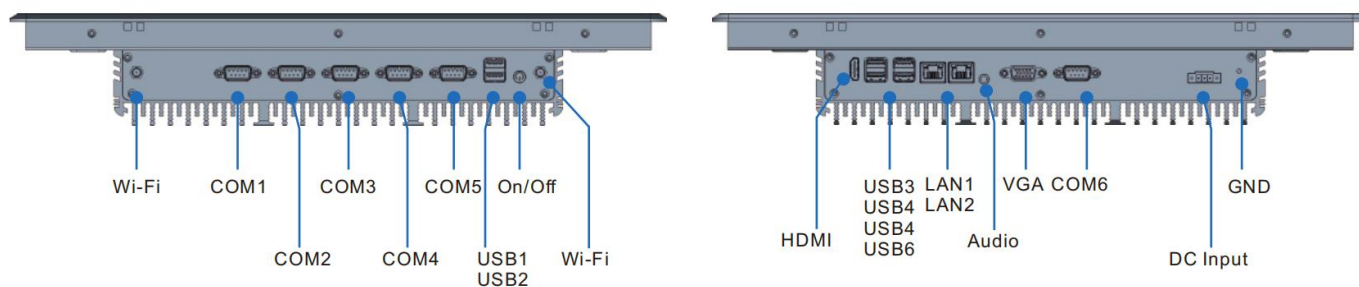
⑦ Intel® Celeron® Processor J6412

② Intel® Core™ 12th Processor

Product Sizes



I/O



Product Selection

NO.	Model	Product Part Number	Describe Infomation	Standard Memory	Standard Storage
1	CTN-S1962A	Intel® Celeron® Processor J1900 Processor		4GB	mSATA SSD 128GB
2	CTN-S1972A	Intel® Celeron® Processor J6412 Processor		8GB	mSATA SSD 256GB
3	CTN-S1992A	Intel® Core™ i3-10110U Processor		8GB	mSATA SSD 256GB
4	CTN-S1992A	Intel® Core™ i5-10210U Processor		8GB	mSATA SSD 256GB
5	CTN-S1992A	Intel® Core™ i7-10510U Processor		8GB	mSATA SSD 256GB
6	CTN-S1922A	Intel® Core™ i3-1215U Processor		8GB	M.2 SSD 256GB
7	CTN-S1922A	Intel® Core™ i5-1235U Processor		8GB	M.2 SSD 256GB
8	CTN-S1922A	Intel® Core™ i7-1250U Processor		8GB	M.2 SSD 256GB