cesIPC
科拉德计算机
Build Your IPC Like LEGO

CTN-1262D

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



► Introduction

CTN-1262D Panel PC features a 12.5-inch display with 1920 × 1080 high-definition resolution and a low-power J1900 processor. It offers rich I/O interfaces and is specially designed for air-conditioning control rooms and environmental monitoring systems. With 4 dry contact input channels and 2 dry contact output channels, enabling the acquisition and control of external switch signals. Additionally, it offers 6 isolated RS-485 communication ports, ensuring stable and secure system communication.

★ Multi-platform, Multi-tier CPU options

★ Board-to-board Design for Stable Performance

★ LEGO MODE with Customizable Function Cards

★ i-Door Technology for Efficient, Tailored Solutions

► 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	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 × 3-pin Pluggable Terminal Block 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

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CPU	Celeron J1900	Celeron J6412	I3-10110U	I5-10210U	I7-10510U	i3-1215U	i5-1235U	i7-1250U
USB 2.0/ Type A	1	1	1	1	1	1	1	1
USB 3.0/ Type A	0	0	0	0	0	0	0	0
RS232/ DB9	0	0	0	0	0	0	0	0
RS485/ DB9	6	6	6	6	6	6	6	6
VGA	0	0	0	0	0	0	0	0
HDMI	0	0	0	0	0	0	0	0
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

Display

LCD Size	12.5 inch Panel Size
Resolution	1920*1080 / 16:9
Brightnesss (cd/m2)	300
Contrast Ratio	500 : 1
Backlight LED Life Time	50,000 hrs (LED Backlight)

Touch Panel

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

Mechanical

Dimension	313.9(W)×199.8(D)×87(H)mm
Cutout Size	264.9×184.0mm
Weight	2.9 KG G.W.
Material	6063 High-Strength Aluminum Alloy
Mechanical	Aluminum Extrusion + Sheet Metal
Construction	Structure
Mount	Wall Mount / VESA Mount
Clear CMOS Switch	1x Clear CMOS Switch

Environmental

Protection	Front Panel IP65 Compliant
Operating Temperature	0~50℃ (-40~70℃ Optional)
Storage Temperature	-10~60℃
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

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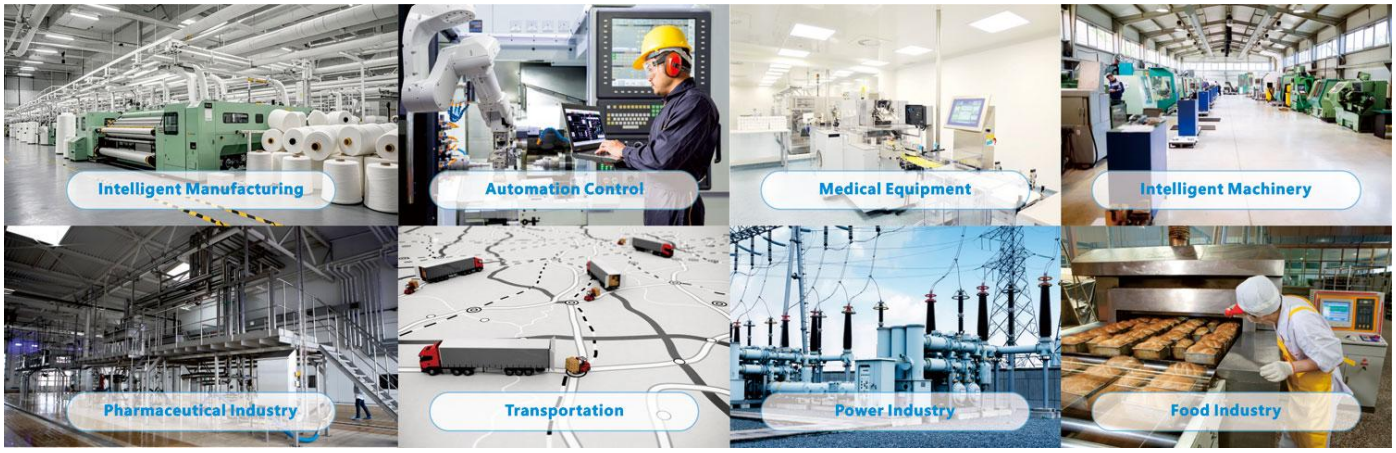
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► Applications



► Product Sizes

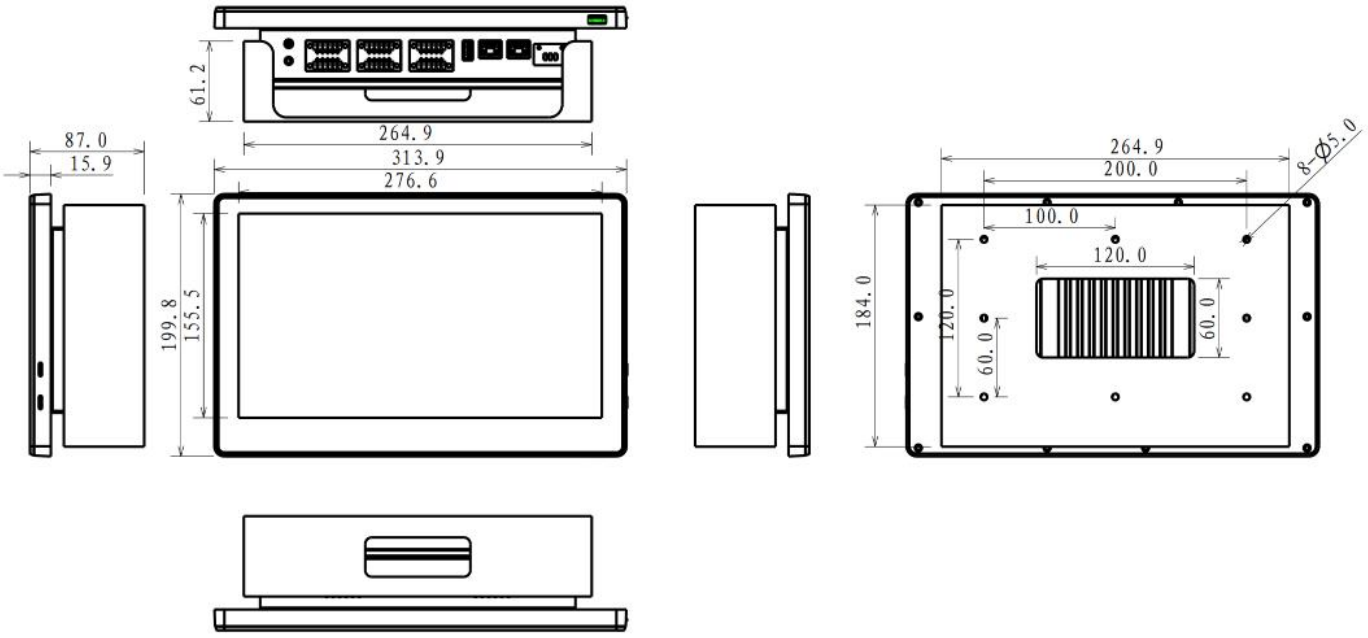
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► Product Selection

NO.	Model	Product Part Number	Describe Infomation	Standard Memory	Standard Storage
1	CTN-1262D		Intel® Celeron® Processor J1900 Processor	4GB	SSD 128GB
2	CTN-1272D		Intel® Celeron® Processor J6412 Processor	8GB	SSD 256GB
3	CTN-1292D		Intel® Core™ i3-10110U Processor	8GB	SSD 256GB
4	CTN-1292D		Intel® Core™ i5-10210U Processor	8GB	SSD 256GB
5	CTN-1292D		Intel® Core™ i7-10510U Processor	8GB	SSD 256GB
6	CTN-1222D		Intel® Core™ i3-1215U Processor	8GB	SSD 256GB
7	CTN-1222D		Intel® Core™ i5-1235U Processor	8GB	SSD 256GB
8	CTN-1222D		Intel® Core™ i7-1250U Processor	8GB	SSD 256GB

Note: CPU model may vary. Contact sales for details

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