

Compact Embedded Industrial PC

- ⑥ Intel® Celeron® Processor J1900
- ⑦ Intel® Celeron® Processor J6412

- ⑨ Intel® Core™ 10th Processor
- ② Intel® Core™ 12th Processor



## ► Introduction

The UPC-309D industrial PC showcases a fanless embedded design powered by CESIPC's proprietary LEGO MODE technology. It offers versatile configuration options, equipped with 10th Gen Core™ i3/i5/i7 processors, delivering superior performance. Engineered for reliability, the UPC series ensures high functionality and meets rigorous protection standards, making it an optimal solution for mission-critical industrial applications.

- ★ 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

## ► Specifications

### System Core

CPU	I3-10110U	I5-10210U	I7-10510U
Cores	2	4	4
Threads	4	8	8
Frequency	2.1-4.1	1.6-4.2	1.8-4.9
Cache	4MB	6MB	8MB
TDP	15W	15W	15W
Graphics	UHD	UHD	UHD
Memory	4-32GB DDR4		
Storage	1 x mSATA/ 1 x M.2 SSD		

### I / O Ports

CPU	I3-10110U	I5-10210U	I7-10510U
USB 2.0	4	4	4
USB 3.0	5	5	5
RS232	3	3	3
RS485	2	2	2
VGA	1	1	1
HDMI	1	1	1
Ethernet	2 x Intel I210	2 x Intel I210	2 x Intel I210
Audio	3.5mm TRRS	3.5mm TRRS	3.5mm TRRS

### 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

- ⑥ Intel® Celeron® Processor J1900
- ⑦ Intel® Celeron® Processor J6412

- ⑨ Intel® Core™ 10th Processor
- ② Intel® Core™ 12th Processor

### Environmental

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

### Mechanical

Dimension	300 (W) × 160 (D) × 50 (H) mm
With Bracket	337 (W) x 160 (D) x 53.2 (H) mm
Weight	3.2 KG N.W.
Material	6063 High-Strength Aluminum Alloy
Mount	Bracket Mount / VESA Mount

### 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

### OS

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

## ▶ Product Images



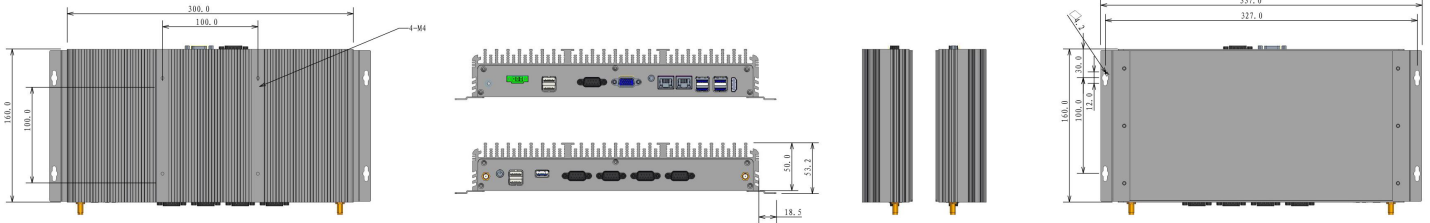
## ▶ Applications



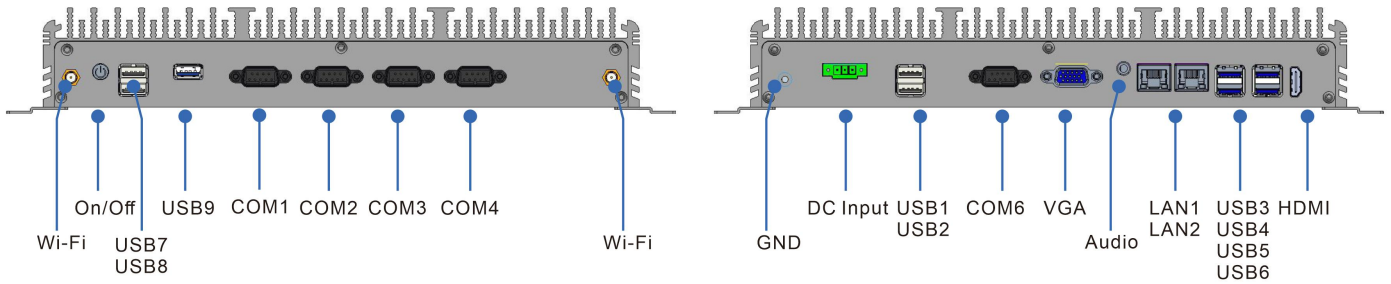
Compact Embedded Industrial PC

- ⑥ Intel® Celeron® Processor J1900
- ⑨ Intel® Core™ 10th Processor
- ⑦ Intel® Celeron® Processor J6412
- ② Intel® Core™ 12th Processor

### ▶ Product Sizes



### ▶ I/O



### ▶ Product Selection

NO.	Model	Product Part Number	Describe Information	Standard Memory	Standard Storage
1	UPC-309D		Intel® Core™ i3-10110U Processor	8GB	mSATA SSD 256GB
2	UPC-309D		Intel® Core™ i5-10210U Processor	8GB	mSATA SSD 256GB
3	UPC-309D		Intel® Core™ i7-10510U Processor	8GB	mSATA SSD 256GB