

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

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

► Introduction



The UPC-206E industrial PC showcases a fanless embedded design powered by CESIPC's proprietary **LEGO MODE** technology. It offers **CAN bus Module**, equipped with Celeron J1900 processors, delivering superior performance. The UPC-206E with a built-in CAN module is ideal for industries requiring real-time communication between devices, such as factory automation, smart manufacturing, industrial robotics, automotive testing systems, and elevator control.

- ★ 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
Cores	4
Threads	4
Frequency	2.0-2.4
Cache	2MB
TDP	10W
Graphics	HD
Memory	4-8GB DDR3L
Storage	1 x mSATA

I / O Ports

CPU	Celeron J1900
USB 2.0	5
USB 3.0	1
RS232	0
RS485	0
VGA	1
HDMI	1
Ethernet	2 x Intel I210
Audio	3.5mm TRRS
CAN	CAN

Power Supply

DC Input	1 × 3-pin Pluggable Terminal Block for 12V DC 9-36V DC Optional
Power Button	1x ATX Power On/Off Button
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

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Mechanical

Dimension	195 (W) × 160 (D) × 42.8 (H) mm
Cutout Size	229 (W) × 160 (D) × 46 (H) mm
Weight	1.7 KG N.W.
Material	6063 High-Strength Aluminum Alloy
Mechanical	Aluminum Extrusion + Sheet Metal
Construction	Structure
Mount	Bracket Mount / VESA Mount

OS

Windows	Windows 10 / Windows 11
Linux	Ubuntu 16.04 / 18.04 / 20.04 / 22.04

Note: Celeron J1900 can support Windows 7

Environmental

Operating Temperature	0~50°C (-40~70°C Optional)
Storage Temperature	-10~60°C
Relative Humidity	10%~90% , Non-condensing
EMC	CE, FCC (According to EN 55032 & EN 55035)
Factory	ISO9001: 2015
ODM	BIOS / Boot on LOGO / OEM
MTBF	60,000 Hours

► Product Images



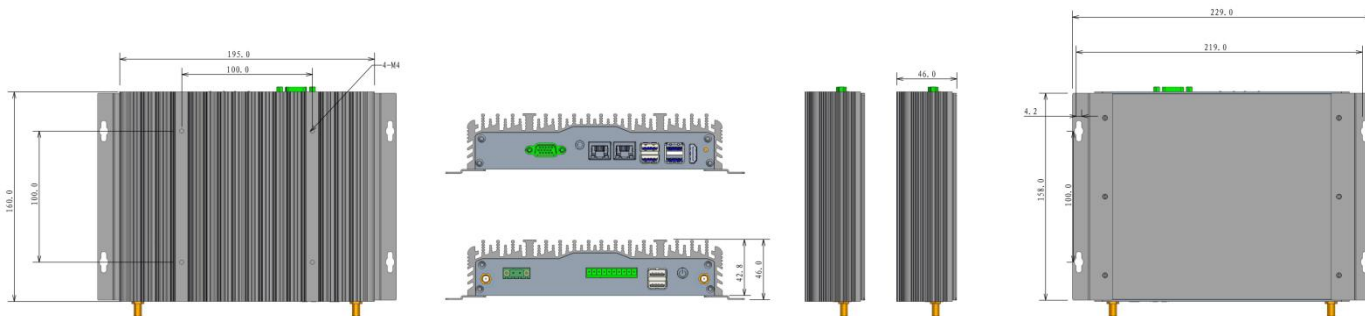
► Applications



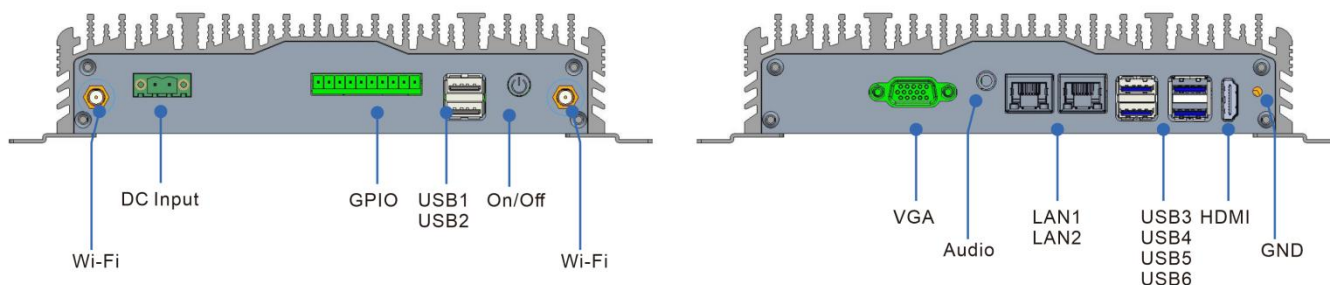
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► Product Sizes



► I/O



► Product Selection

NO.	Model	Product Part Number	Describe Information	Standard Memory	Standard Storage
1	UPC-206E	C8.02.01.009	Intel® Celeron® Processor J1900 Processor	4GB	SSD 128GB

Note: CPU model may vary. Contact sales for details