

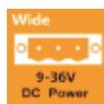
Compact Embedded Industrial PC

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



Features

- Intel Baytrail Celeron J6412 2.0~2.6GHz CPU
- Memory up to 8GB DDR3
- 1*SATA 2.5inch SSD, 1* mSATA SSD socket
- Wireless Design
- Aluminum Chassis, Fanless Design
- DC 9~36V Wide Power Input

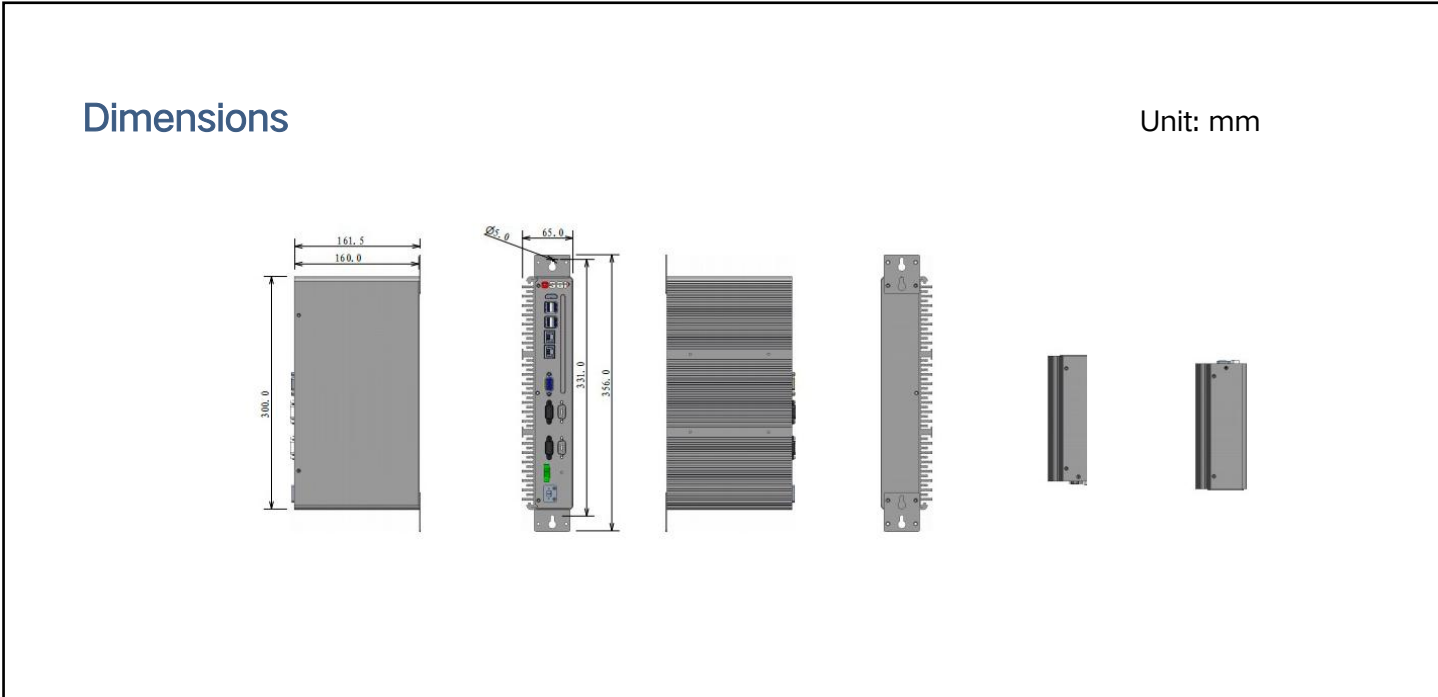


CTN-306A is an industrial PC equipped with an Intel® Bay Trail J6412 processor. Meeting the demands of harsh environments, the fanless design makes the CTN-306A extra reliable for applications in the machine building industry. In addition, the dual GbE LAN, 2 x serial ports, 4 x USB ports, make device connection and integration easy.

Specifications

Processor	CPU	Intel Baytrail-D Celeron J6412, 2.0~2.6GHz, 4cores, 4threads, 2M cache, 22nm,TDP 10W	
	Cooling System	Fanless	
	Memory	Single Socket, 4GB-8GB DDR3L	
	Storage	mSATA SSD Full Size + SATA 2.5 inch SSD	
	I/O ports		2xUSB2.0+2xUSB3.0, Type A
			1xRS232, DB9 Type
			1xRS232/422/485 (Configurable through Jumpers), DB9 Type
			Dual Display: HDMI(1920*1200 @60Hz)+VGA(1920*1080 @60Hz)
		1x mini-PCIe port, Full Length	
Network(LAN)		2x Spare connectors holes, DB9 Type	
		1xGPIO, Internal Input Port Set by a Resistor Soldered on the PCB	
		Wi-Fi: 802.11a/g/n, 2x2 Antenna, 2.4/5 GHz, 300 Mbps Max Speed	
		2x Realtek RTL8111H 10/100/1000Mbps Ethernet	
Power Supply	Input Voltage	12V DC (3 Pin Phoenix Connector) , optional 9V~36V DC	
	Control SW	1x Power SW, AT/ATX optional	
	Remote Switch Connector	Phoenix Connector	
OS Support	OS Support	Microsoft Windows 7/ Windows 10/ Windows 11/ Linux	

Environment	Operating Temperature	0°C ~ 50°C (extend temperature optional)
	Storage Temperature	-20°C ~ 60°C (extend temperature optional)
Mechanical	Dimensions	(W*D*H): 300x160x65mm With bracket: 356x161.5x65mm
	Weight	N.W. 3.2KG
	Color	Black
	Material	High Strength Aluminum Alloy
	Certification	CE / UL / RoHS





Packing List	Ordering Information
1x CTN-306A	CTN-306A-1: J6412 Version
1x Driver CD	Operating Systems
1x Power Adapter (12V 5A)	WIN7 32bit 64bit ENG/CN
Optional accessories	WIN10 32bit 64bit ENG/CN
VESA Bracket	WIN11 32bit 64bit ENG/CN
Power Cable 3-pin	Linux Ubuntu 12.04/16.04/18.04