

## Mini-PC EBOX-501 N15

iWill Technology products and services have been widely used in industrial control, IoT, cloud-based terminal, industrial Internet, smart home and other fields, covering commercial office, personal computer, education, medical care, finance, multimedia entertainment and other industries, meeting the needs of customers for mini computer host devices in different applications. Main product:

1. Mini PC based on mini ITX
2. NUC (10\*10cm)
3. Mini ITX computer case
4. DC-DC ATX power board and adapter

iWill products have passed CCC, UL, CE, FCC, PSE, RoHS, TUV-CB, KC, BIS, etc domestic and international quality certifications, and iWill has obtained more than 100 independent intellectual property rights and national patents.

iWill Technology can satisfy customer's functional requirement on base of application scenario and we can better satisfy the customer's customized service experience at will. We also can provide diversified products, timely delivery and excellent quality for the customized needs.

## Model

IBOX-501 N15 Fanless Mini PC

## Case Color

Black (any color can be customized)

## Material

High quality all aluminum alloy mini itx case

## CPU

Intel Kaby Lake Core **i5 8250u** quad core 3.4GHz

## BIOS

AMI EFI BIOS

## RAM

Support 1\*DDR4 2133/2400MHz SODIMM ram slot, support max 16G

## Storage

Support 1\*M.2 2280 Slot, 1\*2.5" SSD/HDD

## Display Chip

Integrated Intel HD Graphics Card 620

## Display Interface

1\*DP, 1\*HD, (Support synchronous and asynchronous dual display)

## I/O

4\*USB3.0, 2\*USB2.0

1\*HD, 1\*DP, 1\*SIM Card Slot

2\*1000M Lan

2\*COM optional (support RS232/485 optional)

1\*Audio (support audio and mic input)

1\*Power Switch

1\*DC-IN 9V-36V

## Network Card

2\*Intel i211-AT 10/100/1000M lan

## Expansion

Support 1\*M.2 2280 Slot (support SATA or PCIE X4 signal)

Support 1\*Mini-PCIE (support Wifi/BT/3G/4G), External SIM card slot

## Watch Dog Timer

Support

## Power Supply

Support DC-IN 12V

## Operating System

For Windows 7/8/10, Linux OS

## Working Temperature

-20°C - 50°C

## Working Humidity

5% - 95% relative humidity, Non-condensing

## Size

186\*126.5\*66 mm (L\*W\*H);

## Application

Applied in Office, Home, KIOSK, Advertising Machine, Self-service Terminal, Electronic Whiteboard, Networking, etc .



**Support 2\*COM Optional**



2\*Intel i211-AT 1000M LAN



1\*MINI PCIE slot (WIFI/3G/4G)



Integrated Intel HD Graphics 620



1\*M.2 2280 slot, 1\*2.5" HDD



windows 7/8/10 and Linux



Work Humidity:  
5% ~ 95% non-condensing



Fanless Pure Aluminum



Work 0°C ~ 40°C ( HDD )  
Temp: -20°C ~ 50°C ( SSD )



7\*24\*365 all day running

Please tell us which one do you prefer (default with 2\*COM)

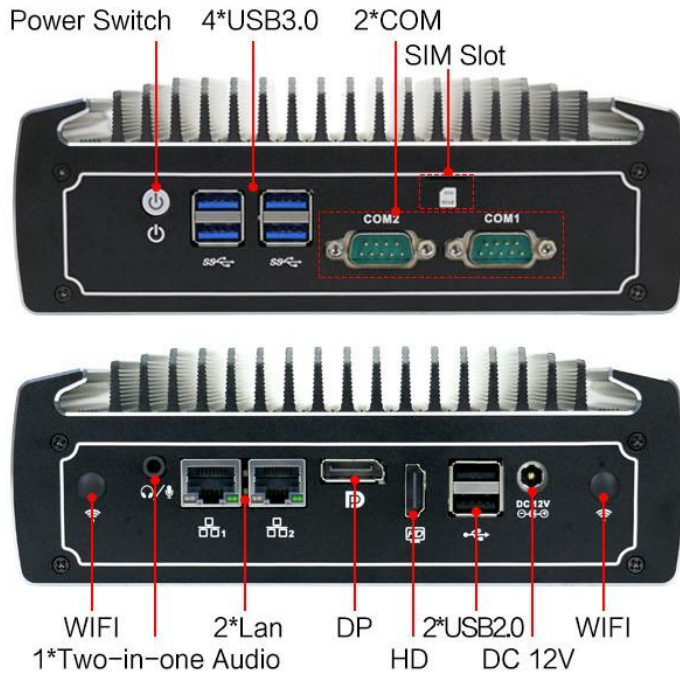


With 2\*COM



Without COM Ports

## Rich Interface

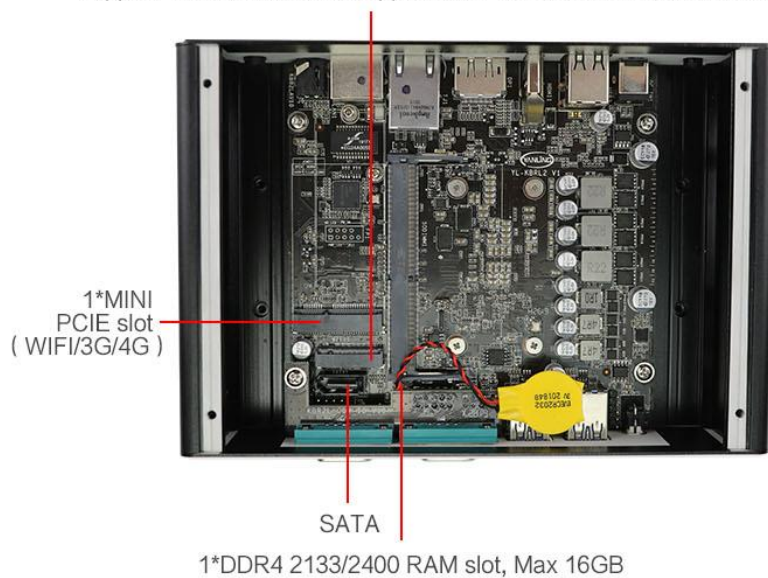


## Small Size



## Internal Structure

Support 1\*M.2 2280 slot ( Support M.2 PCIE X4 and M.2 SATA SSD )



## Fanless Pure Aluminum Design

High quality aluminum case with exquisite cooling teeth heat dissipation  
Adopt low-power and high-performance technology ensure the equipment  
have a stable and long-time operation.

It can work well in the temperature range of  
0°C ~ 40°C ( HDD ) , -20°C ~ 50°C ( SSD )





# Expansion Slot

Support 1\*MINI PCIE  
(WIFI/3G/4G Optional)  
Embedded Sim Slot

WIFI

3G

4G





**4K ultra HD display**  
work more efficiently with  
Integrated Intel HD Graphics 620





# Various Applications

Small PC with high-end configuration  
can be used for many areas



Automation



Medical



Monitor



Electronic education



Transportation



Logistics warehousing



HD Video playback



Self-service terminal



Digital Signage