

## Classic X86 Mini PC

It adopts all-aluminum alloy structure, fanless and totally enclosed design, light and compact, with low power consumption. It is an industrial product specially designed for a variety of environments. It has rich interfaces, supports expansion, can meet the access of a variety of external devices, and supports 12V-36V wide voltage power supply; The complete machine has good scalability, practicability and EMC compatibility, and is widely used in industrial control, military industry, communication, power and network and other automation fields.

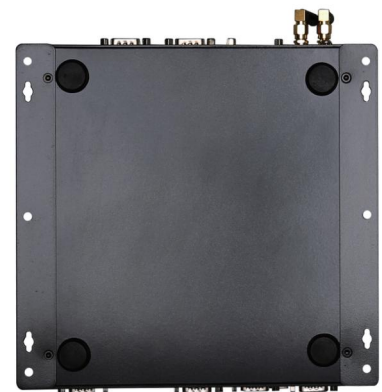
### Features >

- Delicate and compact appearance, convenient installation
- Self-developed X86 architecture motherboard with multiple options
- Intel Core i7 1215U: 1.7GHz, Maximum RPM: 4.70 GHz
- Fanless totally enclosed design, low power consumption of the whole machine
- High integration, realizing Wi-Fi/Bluetooth/Ethernet triple connection
- Abundant interfaces to meet the needs of various external equipment



### Model >

| Model | Processor |
|-------|-----------|
|       | i7-1255U  |



### Installation >

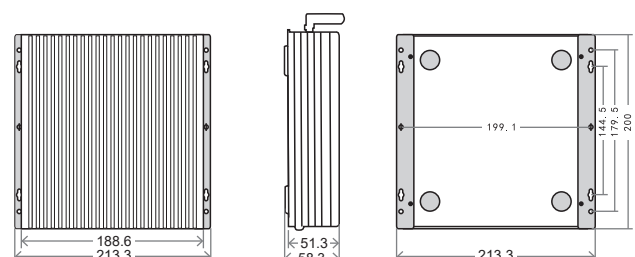


Desktop installation



Rack-mounted

### Size >



# Specification >>

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| Configuration    |                                                             |
| CPU              | Intel Core i7-1255U 1.7GHz                                  |
| GPU              | Intel Iris Xe Graphics 96                                   |
| Memory/RAM       | 8GB DDR4 (Supports up to 32GB)                              |
| Storage          | 256GB SSD(optional SSD 64GB~512GB/1T~4T SSD, HDD 500GB-1T)  |
| Wi-Fi            | Dual Band 2.4GHz+5GHz                                       |
| Bluetooth        | Bluetooth 4.0(optional)                                     |
| Operating System | WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint |
| Audio chip       | Onboard Realtek ALC662 HD audio decoding controller         |
| Chip card        | Onboard 1 * Realtek RTL 811E Gigabit network card           |

|                     |                                                               |
|---------------------|---------------------------------------------------------------|
| Interface Parameter |                                                               |
| PowerSW             | 1*PowerSW                                                     |
| Power interface     | 1*Threaded DC port (Diameter: 5.5*2.5mm)                      |
| Phoenix terminal    | 1*12P Phoenix terminal (Power supply/RS232*1/RS485*1/GPIO*5)  |
| USB                 | 4*USB 2.0, 2*USB 3.0                                          |
| Ethernet            | 2*LAN, 10M/100M/1000M adaptive Ethernet                       |
| HDMI                | 1*HDMI, Supporting HDMI data output, Up to 4K                 |
| SIM                 | 1*SIM, Supporting various formats (Depending on 3G/4G module) |
| VGA                 | 1*VGA                                                         |
| Audio               | 1*Audio I/O, support audio input and output                   |
| Serial port         | 4*COM (Default: RS232, optional: RS485)                       |
| Wi-Fi antenna       | 2*Wi-Fi antenna                                               |
| Grounding           | 1*GND                                                         |

|                       |                                           |
|-----------------------|-------------------------------------------|
| Reliability Parameter |                                           |
| Operating temperature | -10°C~60°C (-20°C~70°C can be customized) |
| Storage temperature   | -20 ° C~70 ° C                            |
| Relative humidity     | 95% non-Condensing                        |

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Other Parameter     |                                                                                          |
| Power adapter       | 24V/4A                                                                                   |
| Chassis structure   | The aluminum alloy on the case surface has good seismic resistance and impact resistance |
| Color               | Gun black                                                                                |
| Overall size        | 199.5*213.1*58.3mm (length*width*height)                                                 |
| Operating Weight    | 1.9KG                                                                                    |
| Installation method | Support desktop and rack installation                                                    |
| Warranty            | Three years (standard one year free warranty, other policies are negotiable )            |

# I/O Interface >>

