

# IBOX-3046

8th Gen Intel® Core™ Processor - **Industrial PC**

## FEATURES



- Fanless Aluminum Design
- 8th Gen Intel® Core™ Processor
- 4 × COM Ports  
(2 × RS232/RS422/RS485 optional)
- 4 × Intel 1000Mbps LAN Ports
- Support VESA Mount, Wall Mount ect.

## SPECIFICATION

| SYSTEM                |                                                                                                                                                                                                                                            |                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Processor             | Intel® Celeron® 4205U （dual core dual threads, 1.8Ghz, 2MB cache)<br>Intel® Core™ i5-8265U (4 core 8 threads, 1.6Ghz, Max. Turbo 3.9Ghz, 6MB cache)<br>Intel® Core™ i7-8565U (4 core 8 threads, 1.8Ghz, Max. Turbo 4.6Ghz, 8MB cache)      |                                            |
| Memory                | 1 × DDR4 2133/2400MHz SODIMM, Max. 32 GB                                                                                                                                                                                                   |                                            |
| BIOS                  | AMI EFI BIOS                                                                                                                                                                                                                               |                                            |
| Display Chip          | Intel® UHD Graphics                                                                                                                                                                                                                        |                                            |
| Display Port          | 1 × VGA<br>1 × HDMI                                                                                                                                                                                                                        | Support synchronous/asynchronous 2 display |
| Storage               | 1 × M.2 2280<br>1 × 2.5-inch HDD<br>Support RAID 0/1                                                                                                                                                                                       |                                            |
| Expansion             | 1 × M.2 M-Key 2280 (support SATA protocol)<br>1 × Mini PCIe (WiFi/3G/4G optional), embedded SIM Card Slot<br>Expansion Ports (standard configuration doesn't include):<br>GPIO (8 Input 8 Output) , 1×USB 2.0, 2 × COM Ports               |                                            |
| OS Support            | Windows 10, Linux                                                                                                                                                                                                                          |                                            |
| Front I/O             | 2 × USB 2.0<br>2 × COM Ports<br>1 × VGA                                                                                                                                                                                                    |                                            |
| Rear I/O              | 4 × Intel 1000MMbps LAN Ports<br>4 × USB 3.0<br>1 × HDMI<br>1 × Audio (support Mic and speaker at the same time)<br>2 × COM Ports (COM1, COM2 support RS232/RS422/RS485)<br>1 × 2 Pin power (supply phoenix connector)<br>1 × Power Button |                                            |
| Ethernet              | 4 × Intel i211-AT 10/100/1000M LAN Ports                                                                                                                                                                                                   |                                            |
| Power                 | DC 9 ~ 36V, support positive pole and negative electrode connect reversely protection                                                                                                                                                      |                                            |
| Other Function        | TPM2.0 security encryption, Auto power on when there is electricity, Timing boot, Wake on LAN, PXE boot, Watchdog (0~255 level) (standard configuration doesn't include)                                                                   |                                            |
| Application           | Industrial Automation, Medical, Data Acquisition,Motion Control, Vehicle Application etc.                                                                                                                                                  |                                            |
| ENVIRONMENT           |                                                                                                                                                                                                                                            |                                            |
| Operating Temperature | 0℃ ~ 50℃ (Commercial HDD), -20℃ ~ 60℃ (Industrial SSD), surface air flow                                                                                                                                                                   |                                            |
| Relative Humidity     | 5% ~ 95% (non-condensing)                                                                                                                                                                                                                  |                                            |
| Certification         | CE, CCC, FCC Class A, RoHS                                                                                                                                                                                                                 |                                            |
| MECHANISM             |                                                                                                                                                                                                                                            |                                            |
| Dimension             | 280 × 143 × 40 mm                                                                                                                                                                                                                          |                                            |
| Net Weight            | 1.45kg                                                                                                                                                                                                                                     |                                            |



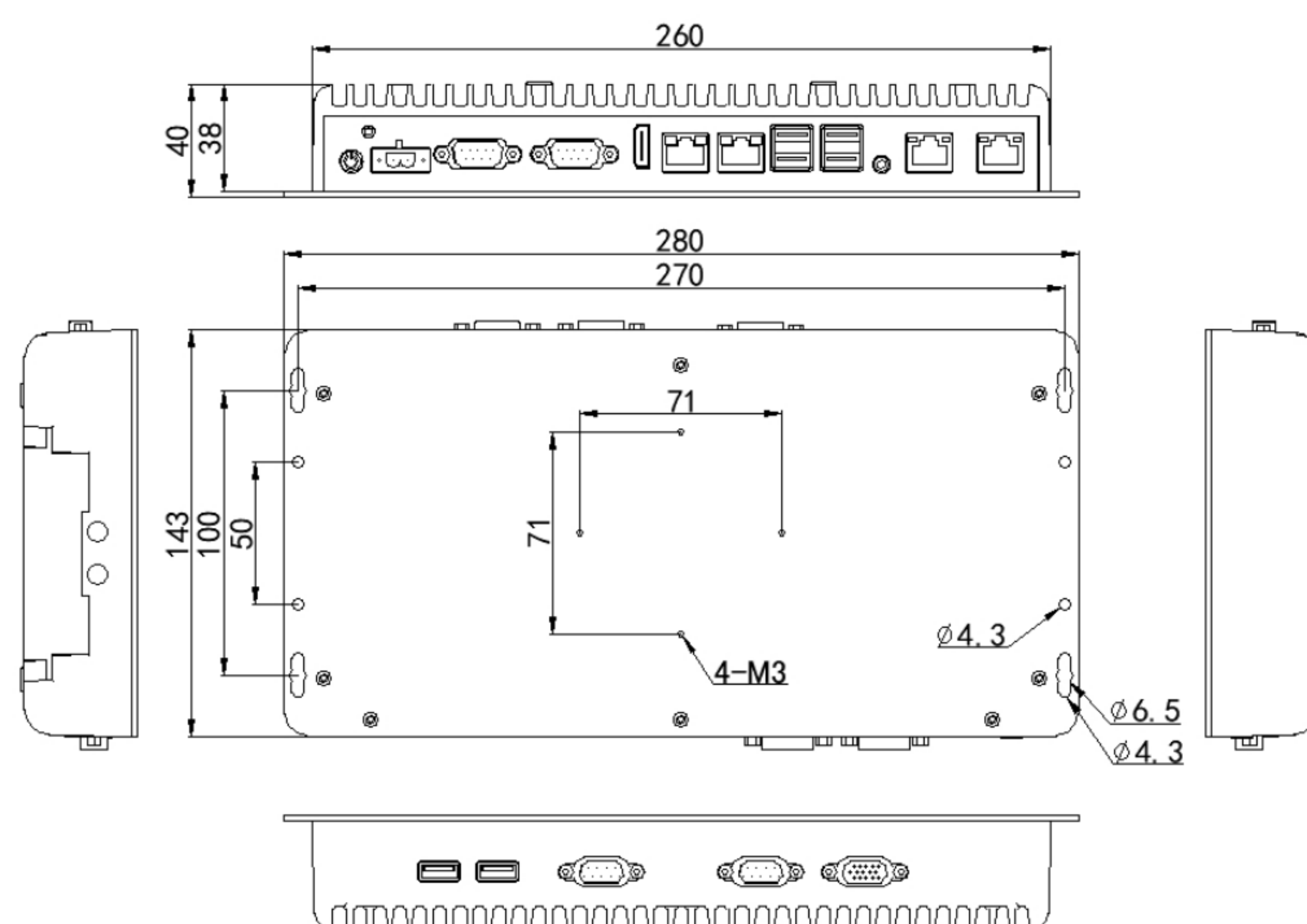
Front View



Rear View

## DIMENSION

unit:mm



## ORDER INFORMATION

|                 |                       |               |
|-----------------|-----------------------|---------------|
| IBOX-3026       | CPU                   | Specification |
| Configuration 1 | Intel® Celeron® 4205U | Standard I/O  |
| Configuration 2 | Intel® Core™ i5-8265U | Standard I/O  |
| Configuration 3 | Intel® Core™ i7-8565U | Standard I/O  |

## ACCESSORY

|               |          |                     |
|---------------|----------|---------------------|
| Part Name     | Quantity | Specification       |
| Power Adapter | 1        | 12V 5A              |
| Power Cord    | 1        | CN, US, UK, EU etc. |
| CD Driver     | 1        | Neutral             |