

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) Intel® Core™ i5-8265U (4 core 8 threads, 1.6Ghz, Max. Turbo 3.9Ghz, 6MB cache) 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 1 × HDMI Support synchronous/asynchronous 2 display
Storage	1 × M.2 2280 1 × 2.5-inch HDD Support RAID 0/1
Expansion	1 × M.2 M-Key 2280 (support SATA protocol) 1 × Mini PCIe (WiFi/3G/4G optional ; choose one from three), embedded SIM Card Slot Expansion Ports (standard configuration doesn't include): GPIO (8 Input 8 Output) , 1×USB 2.0, 2 × COM Ports
OS Support	Windows 10, Linux
Front I/O	2 × USB 2.0 2 × COM Ports 1 × VGA
Rear I/O	4 × Intel 1000Mbps LAN Ports 4 × USB 3.0 1 × HDMI 1 × Audio (support Mic and speaker at the same time) 2 × COM Ports (COM1, COM2 support RS232/RS422/RS485 optional) 1 × 2 Pin power (supply phoenix connector) 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°C ~ 50°C (Commercial HDD), -20°C ~ 60°C (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



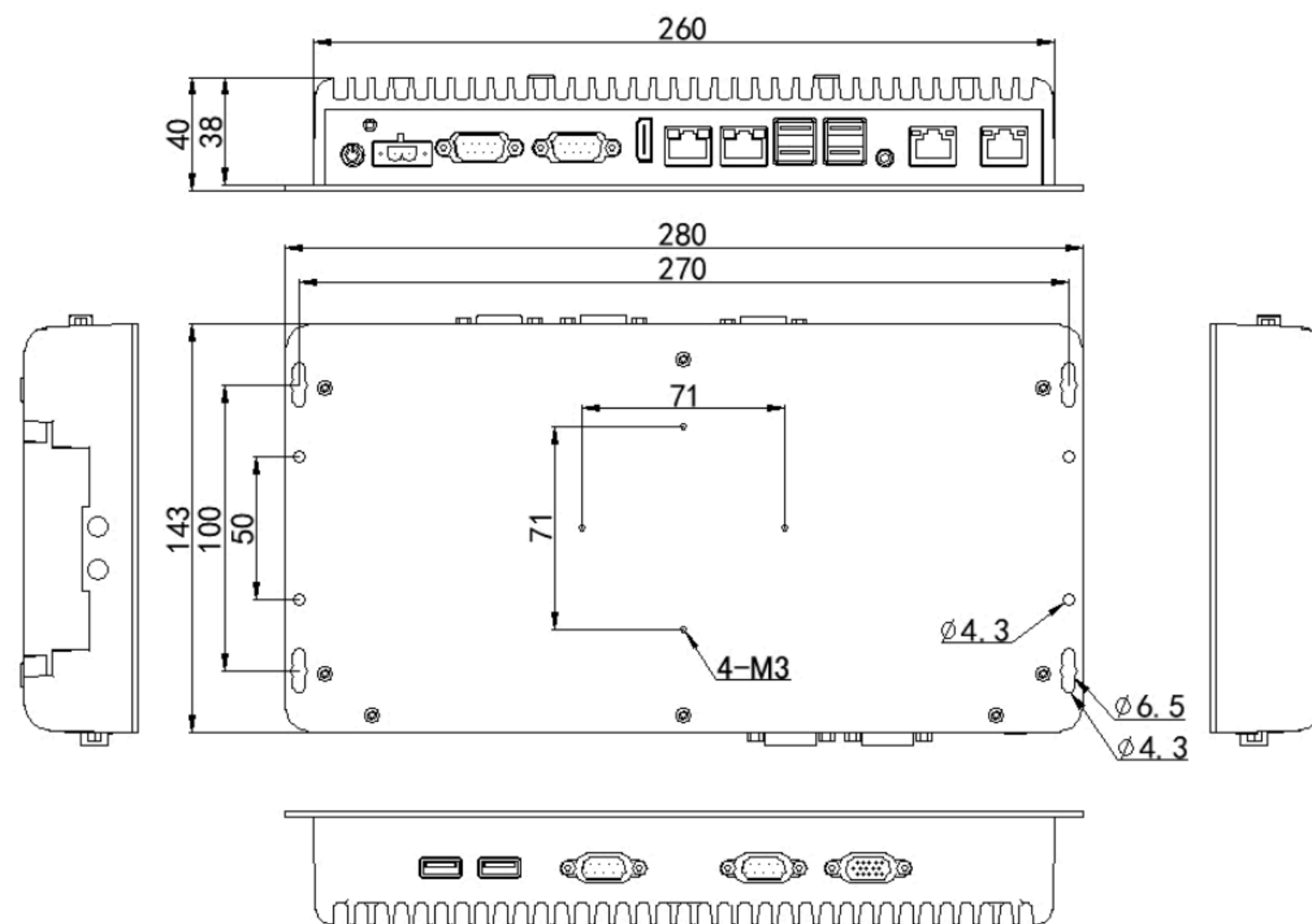
Front View



Rear View

DIMENSION

unit:mm



ORDER INFORMATION

IBOX-3046	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

Remark: There is conflict between the expansion function ports' fixed position and the standard version ports' fixed position, so if you need some expansion function ports, please check with us first.

ACCESSORY

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