

IBOX-3046

Intel 8th 10th Core™ i5/i7 Processor Fanless Industrial PC



Features:

- ◇ All aluminum alloy structure, Fanless design;
- ◇ Onboard Intel Whiskey Lake U Series Processor;
- ◇ Support 9V-36V wide voltage Input、Support TPM2.0 security encryption;
- ◇ Support 4*COM, 2*RS232/RS422/RS485 Optional;
- ◇ Support 4*Intel 1000M LAN;
- ◇ Desktop、Wall Mount、Embedded、VESA standard;
- ◇ Applied OS:



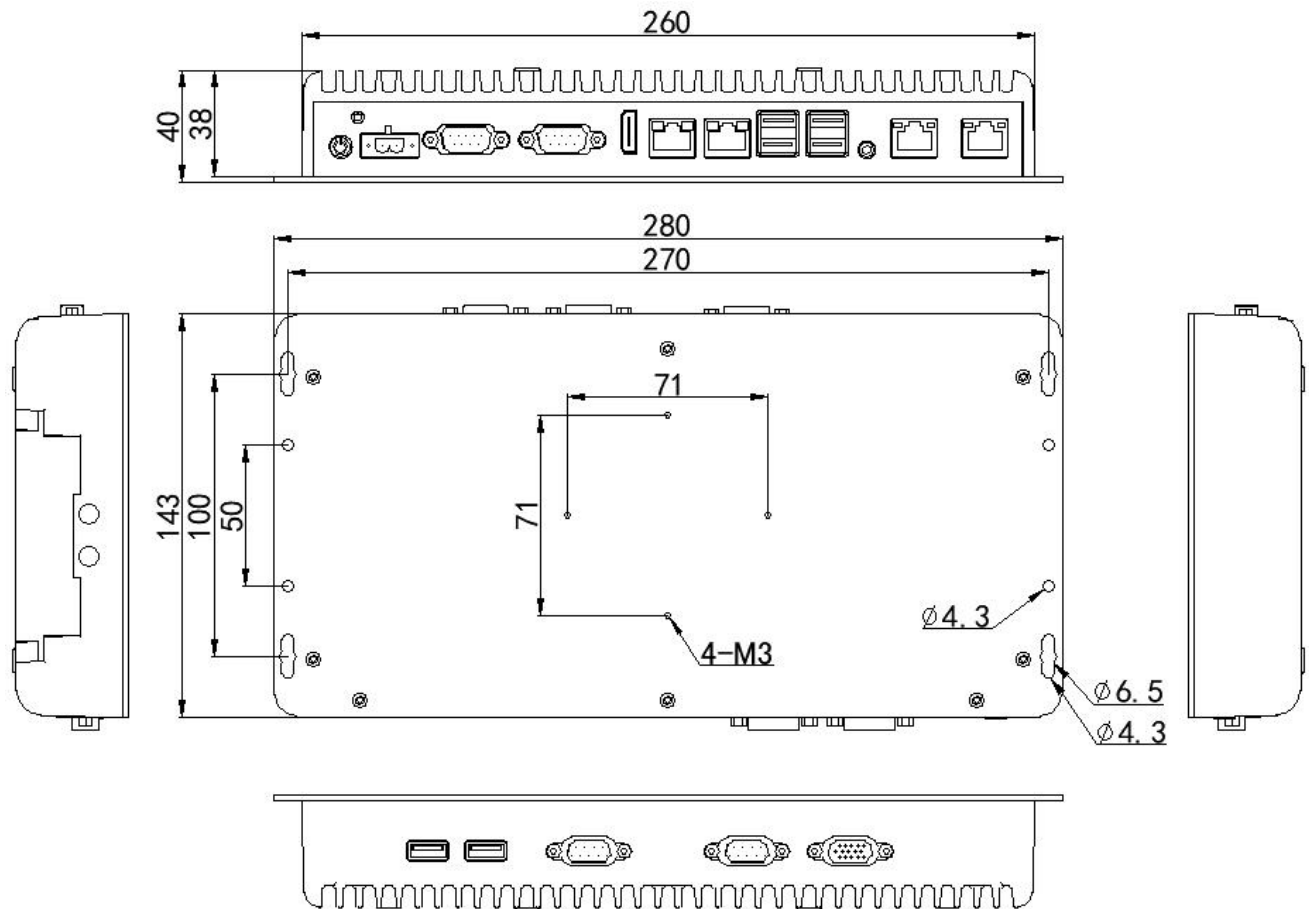
Specification

Model	IBOX-3046
Color	Titanium gray (Color can be customized)
Material	Aluminum alloy chassis
Processor	Intel Celeron 4205U (Dual core dual threads, 1.8Ghz, 2MB Cache) Intel Core i3-10110U (Dual core four threads, 2.10 Ghz, Max turbo 4.1 Ghz, 4MB Cache) Intel Core i5-8265U (Quad core eight threads, 1.6Ghz, Max turbo 3.9Ghz, 6MB Cache) Intel Core i7-10810U (Six core twelve thread, 1.10 GHz, Max turbo 4.9 GHz, 12MB cache)
RAM	1*DDR4 2400/2666 SODIMM Memory slot, Max. Support 32GB
BIOS	AMI EFI BIOS
Display Chip	Intel UHD Graphics
Display Port	1*VGA, 1*HDMI (Support synchronous and asynchronous dual display)
Front I/O	2*USB2.0, 2*COM, 1*VGA
Rear I/O	4*Intel 1000M lan, 4*USB3.0, 1*HDMI, 1*Audio (Support Mic and Speaker at the same time) 2*COM (COM1,2 RS232/RS422/485), 1*2Pin power supply phoenix connector, 1*On/Off
Expansion	1*M.2 M-Key 2280 slot (Support SATA Protocol) 1*MINI PCIE Slot (WIFI/3G/4G Optional; choose one from three), embedded SIM Slot Expansion Ports: GPIO (8 Input 8 Output), 2*COM, 1*USB2.0 (Standard version doesn't include these ports)
Network	4*Intel i210/i211-AT 10/100/1000M LAN
Storage	1*M.2 2280 slot, 1*2.5" HDD, Support RAID 0/1
Input Voltage	DC 9V- 36V wide voltage Input, 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 version doesn't set these function)
Work Temp	0℃ ~ +50℃ (Commercial HDD), -20℃ ~ +60℃ (Industrial SSD), Surface air flow
Work Humidity	5% ~ 95% non-condensing
Certificates	CE, CCC, FCC Class A, RoHS
Size	280 * 143 * 40 mm

Weight 1.45 kg

Application Industrial Automation, Medical, Data Acquisition, Motion Control, Vehicle Applications etc.

IBOX-3046 Drawing



Accessories List

Name	Quantity	Specification
Power Adapter	1	Optional 12V 5A I7-10810U recommended 12V 7.5A
Power Cord	1	Any Plug Optional (China, US, EU, UK etc.)

Order information

Configuration 1	IBOX-3046	Intel Celeron 4205U	Standard Port
Configuration 2		Core i3-10110U	Standard Port
Configuration 3		Intel Core i5-8260U	Standard Port
Configuration 4		Intel Core i7-10810U	Standard Port

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, thanks.