

MODEL. I560-BI

Fanless Design Industrial Box PC

Introduction

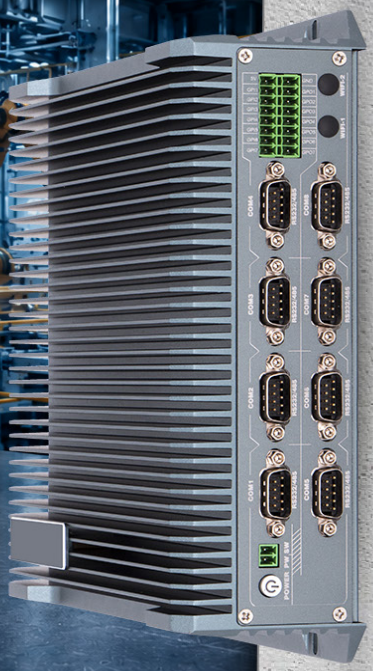
I560-BI Series Industrial Box PC is a powerful, embedded industrial Box PC with diverse connectivity options. It supports Windows 7/8/10 and Linux operating systems and features onboard Intel Core i3/i5/i7 processors (6th and 7th generation). It supports 3G and 4G internet connectivity (optional module required), dual-communication modules including Wifi and Bluetooth, and six serial ports: 4 x RS-232 and 2 x RS-232/422/485, providing comprehensive support for basic peripherals.

iDEETECH

I560-BI

INDUSTRIAL BOX PC

POWERFUL. RELIABLE. BUILT FOR INDUSTRY



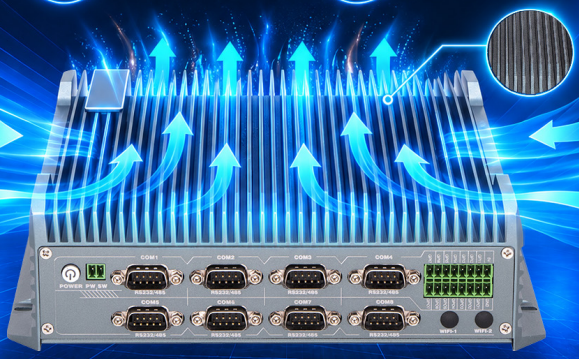
All aluminum alloy heat dissipation

FANLESS COOLING
LOW-NOISE DESIGN

The surface of the industrial computer adopts a striped grid pattern and is molded into a sealed, integrated structure, which ensures external air circulation and improves heat dissipation efficiency; the fanless design reduces dust accumulation.

CIRCULATING HEAT DISSIPATION
Efficient air circulation

LOW NOISE DESIGN
Silent • Reliable • Dust-free



TEMPERATURE

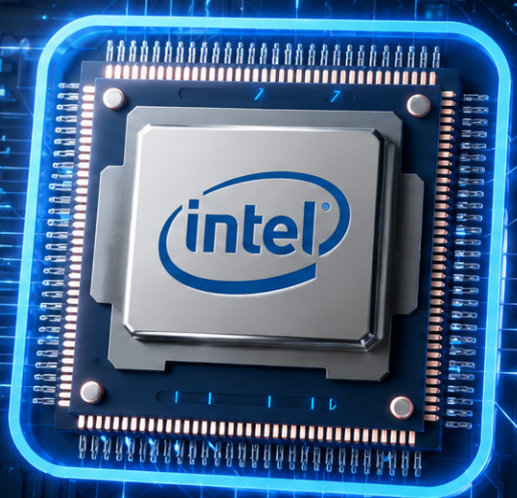
WITHSTANDS EXTREME TEMPERATURES:

-20°C TO +70°C

WIDE TEMPERATURE -20°C TO 70°C | RUGGED & RELIABLE | DUST RESISTANT | ALL-ALUMINUM ALLOY | LONG-TERM STABILITY



Intel Power Chip
Stable Operation
Faster Than One Step



Through The Controlled High Temperature Test To Test The Product To Adapt To High And Low Temperature, Even In The Harsh Environment Is Not Afraid.

Stable operation

Power on and run 24/7
Stable operation around the clock

Capable of operating around the clock, it can run stably in unstable environments and meets the operational needs of various commercial, automated, and unmanned equipment.



MULTISCREEN DISPLAY

MULTITASK DISPLAY

HDMI + VGA USED TOGETHER (EXTENDED OR COPIED DISPLAY CUSTOMER CHOICE) TO ACHIEVE MULTI-TASK DISPLAY PLATFORM

SAME SCREEN DISPLAY

- 1080P FULL HD Clarity
- SAME VIEW Consistent Experience
- EASY SETUP Plug & Play



ASYNCHRONOUS DISPLAY

- MULTI-TASK Independent Content
- HIGH EFFICIENCY Work Smarter
- FLEXIBLE SETUP Extend Your Workspace



Network card + Wireless

FREE INTERNET

Support Gigabit network adapter RJ45, wireless WiFi Internet access, experience faster and more stable network experience, no network cable, no wiring trouble

Gigabit network port

Wireless network support



INSTALLATION

3 INSTALLATION OPTIONS

DESKTOP / EMBEDDED / WALL-MOUNTED

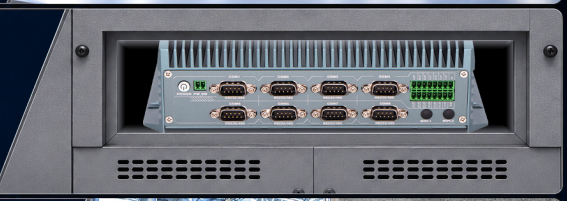
DESKTOP

Place on a desk or flat surface for easy access and maintenance.



EMBEDDED

Integrate into cabinets, kiosks, or enclosures for a clean and space-saving solution.



WALL-MOUNTED

Mount on walls or structures securely with the included mounting brackets.



POWERFUL

COMPATIBILITY SYSTEM

Compatible with Windows 7 / Windows 8 / Windows 10 / Linux.









Specification

Mother Board Specification

Model	I560-BI
CPU	i3-6157U / i5-7200U / i5-7267U / i7-7500U
Memory	1*DDR4 RAM Slots, Up to 16GB
Storage	1*MSATA SSD Slot
	2*SATA SSD Slot
Display	1*HDMI: Resolution up to 4096*2304@60Hz + 1*VGA: Resolution up to 1920*1200@60Hz
Expansion	2*Mini PCIE Slots, Support 4G and WIFI module
Ethernet	5*Intel i210-AT LAN Chip (10 / 100 / 1000 Mbps, RJ-45 Type)
USB	4*USB 3.0 (Type-A) + 6*USB 2.0 (Type-A) + 2*PS/2 ports
COM	4*RS-232 (DB9 type) + 4*RS-232 / 422 / 485 (DB9 type)
GPIO	14 ports GPIO (7*GPI+7*GPO, Phoenix Terminal Type)
Audio	1*Line-In + 1*Line-Out

Fittings Information

RAM	DDR4	4GB / 8GB / 16GB / 32GB
Storage	MSATA	64GB / 128GB / 256GB / 512GB / 1TB
	SATA	120GB / 128GB / 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB / 4TB
GSM Module	4G	4G+GPS
WIFI Module	7260AN / 7260AC / AX210	

Device Specification

BIOS	AMI UEFI BIOS
Power Input	DC 9-36V With Overvoltage Protection
	Support Auto-Start
	3 Pin Phoenix Terminal Type DC Plug
Watch Dog	Support
Working Temperature	-20℃ - 70℃ , Support 24/7 Working
Storage Temperature	-30℃ - 80℃
Humidity	90% (20±50℃)
Size	236mm*228.2mm*72.2mm
Structure	Fully Enclosed Aluminum Alloy Material
Heat dissipation	Fanless Design, Conduction Heat Dissipation
Installation	Desktop / Embedded / Wall-Mounted
System	Windows and Linux

Ordering Information

Model	CPU	LAN	USB	COM	Display	RAM	SSD	Expansion	Power
I560-BI	i3-6157U	5	10	4*RS-232/422/485 4*RS-232	1*HDMI 1*VGA	1*DDR 4 Up to 16GB	1*MSATA 2*SATA	2*Mini PCIE	DC 9-36V
	i5-7200U								
	i5-7267U								
	i7-7500U								

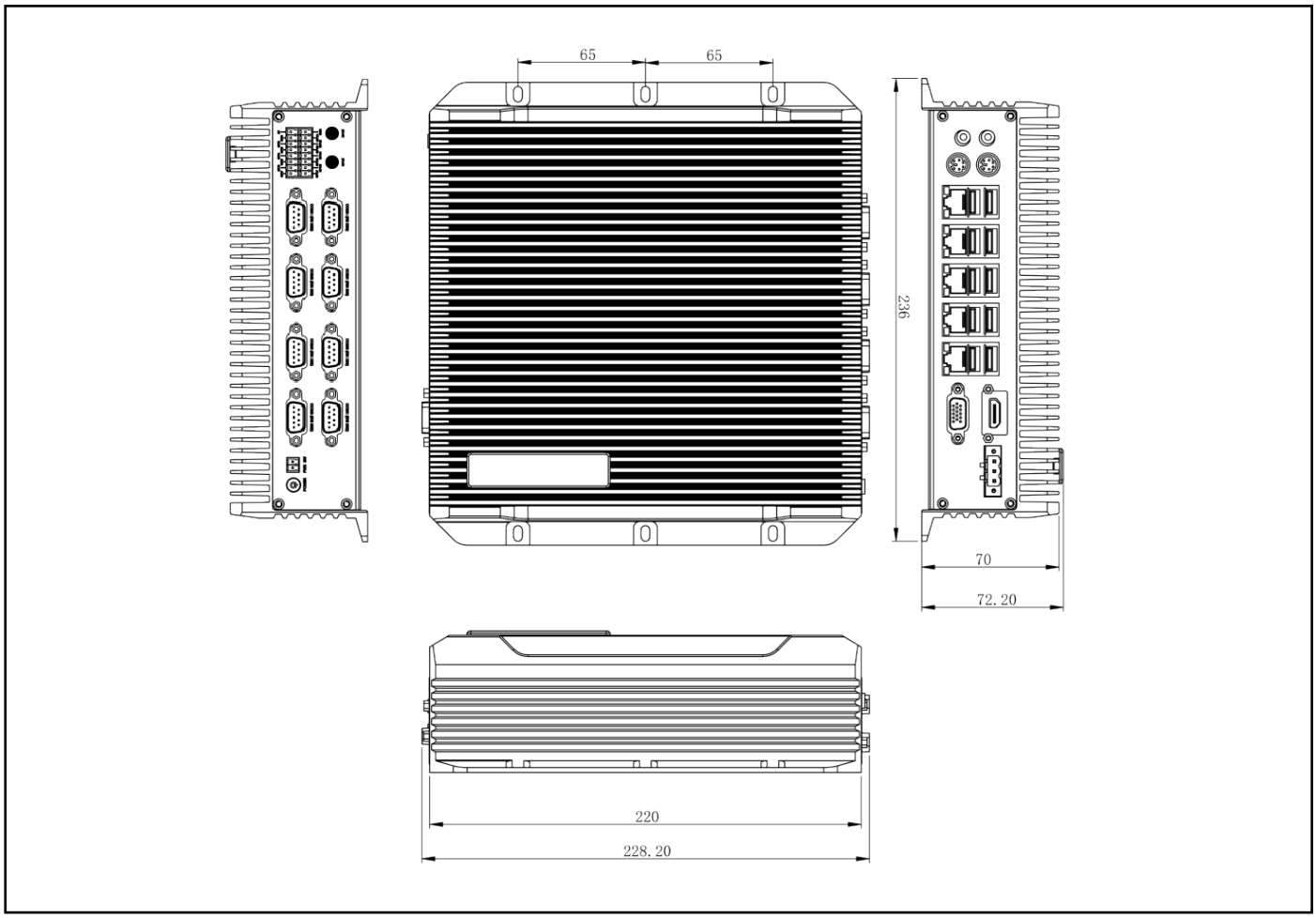
CPU Information

CPU	Core	Threads	Frequency	Cache	Graphics	RAM
i3-6157U	2	4	2.40GHz	3 MB	Iris® Graphics 550	Max to 16GB for 1*DDR4 slot
i5-7200U	2	4	2.50-3.10GHz	3 MB	HD Graphics 620	Max to 16GB for 1*DDR4 slot
i5-7267U	2	4	3.10-3.50GHz	4 MB	Iris® Plus Graphics 650	Max to 16GB for 1*DDR4 slot
i7-7500U	2	4	2.70-3.50GHz	4 MB	HD Graphics 620	Max to 16GB for 1*DDR4 slot

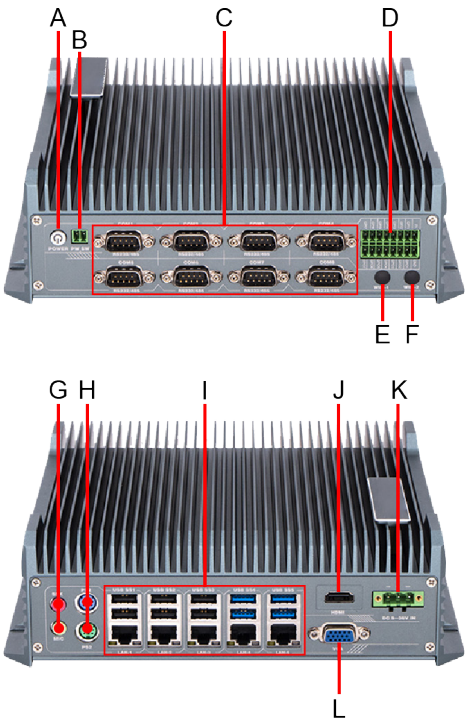
System Information

CPU	Specification
6th / 7th	Windows 7 / 10 and Linux

Dimensions



I/O Port



A : Power
B : Power Sw
C : COM1-8 (RS232/485)
D : GPIO
E : WIFI-1
F : WIFI-2
G : SPK+MIC
H : PS/2
I : USB/LAN
J : HDMI
K : DC 9-36 IN
L : VGA

Package List

Adapter	1*12V 7A adapter
Power Cable	1*Power Cable (The type is depends on the national standard of the buyer)
Terminal	2 Pin phoenix terminal for Power Switch

Applications



Factory Automation



IoT Gateway



Security & Surveillance