

# IK70 BOX PC

Rugged BOX PC Series - Skylake Intel 6th Generation Core i3/i5/i7 Processor BOX PC

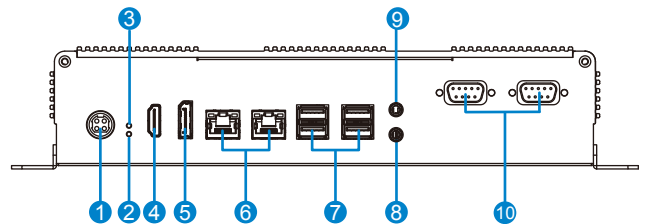
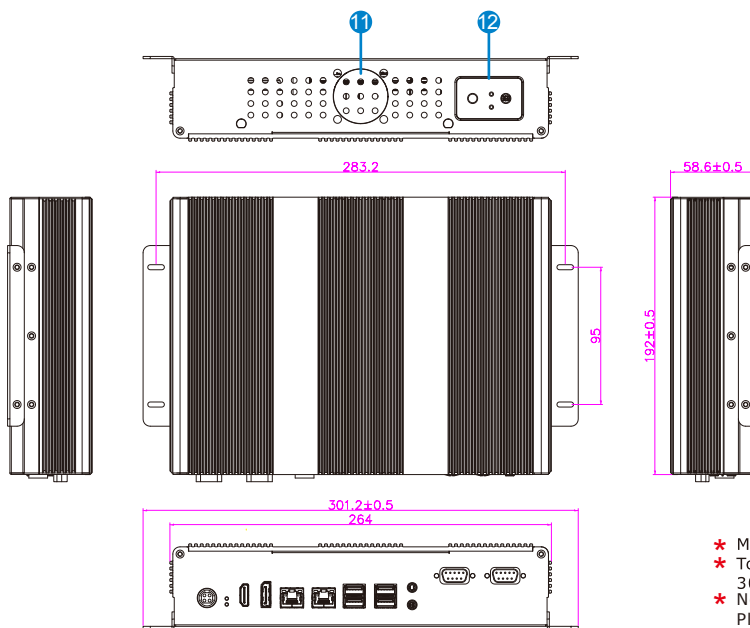
IK70SB7-111



## Features:

- Intel 6th Generation Core i3/i5/i7 processor (Skylake)
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, Two Serial Ports and Four USB 3.0 Ports
- 12V DC Power input
- DP Support 4096x2304@60Hz
- HDMI Support 2560x1600@60Hz

IK70SB7-111



- |                                |  |
|--------------------------------|--|
| 1. 12V DC in                   | 8. Mic In                              |
| 2. Reset                       | 9. Line Out                            |
| 3. Clear CMOS                  | 10. RS-232/422/485 x 2 (default RS232) |
| 4. HDMI 1.4                    | 11. Fan                                |
| 5. DP 1.2                      | 12. OSD Control Panel                  |
| 6. RJ-45(10/100/1000 Mbps) x 2 |  |
| 7. USB 3.0 x 4                 |  |

- \* Measurements shown in mm
- \* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
- \* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

## System Specification

Processor	: Intel® Core™ i7-6700TE Processor, 2.40 GHz Intel® Core™ i5-6500TE Processor, 2.30 GHz Intel® Core™ i3-6100TE Processor, 2.70 GHz
BIOS	: AMI BIOS
System Chipset	: Intel® 8 series Chipset (Q170)
System Memory	: 2 x SODIMM, Max 32GB DDR4 2133 MHz, default 4GB
Graphic Chipset	: Intel® HD Graphic 530 Supports DirectX 12 and OpenGL 4.4
Ethernet	: Intel® I210IT Gigabit-LAN Controller+ I218LM Gigabit-LAN PHY
Audio	: Realtek ALC886 HD codec (Line out, Mic-in)
USB	: 4 x USB 3.0
Serial	: 2 x RS232/422/485 ports (default RS232)
Storage	: 1 x M.2 SSD slot (B key), Max 512GB 1 x 2.5" HDD 500GB (default)

## Environmental Specification

Operation Temperature	: 0~50°C
Operating Humidity	: 5% ~ 95% RH (non-condensing)

## I/O Connectors

Rear Panel External I/O	: 2 x RJ-45(10/100/1000 Mbps) 2 x RS-232/422/485 Connector (default RS232) 1 x HDMI 1.4a 1 x DP 1.2 4 x USB 3.0 1 x Line out/MIC in
Front Panel External I/O	: 1 x Power/HDD LED 1 x Reset / Power on Button

## Mechanical Specification

Construction	: Aluminum housing
Mounting	: Desktop/wall-mounting

## Power Supply

Power Input	: 12V DC (Lockable, Power Jack)
-------------	---------------------------------

## Packing List

- 1 x IK70SB7-111 Unit
- 1 x IK70 Manual & Driver Utility DVD
- 1 x Wall Mount Kit

## OS Support

- Windows Embedded Std. 7
- Windows 7 PRO for Embedded System
- Windows Embedded 8.1 Industry Pro
- Windows 10 IoT Enterprise