# SBOX-2621

Intel Gen6 i7-6600U with HD Graphic 520 / 2 x LAN/ 2 x HDMI/ VGA/ DC 9-36V Fanless Box PC

## Features

• Intel Gen 6 Core i7-6600U
• Triple Display Output ( 2 x HDMI / VGA)
• Dual Gigabit Ethernet
• Wide Range Operating Temp. : -30~60ºC
• Ultra Slim, Compact Size and Fanless
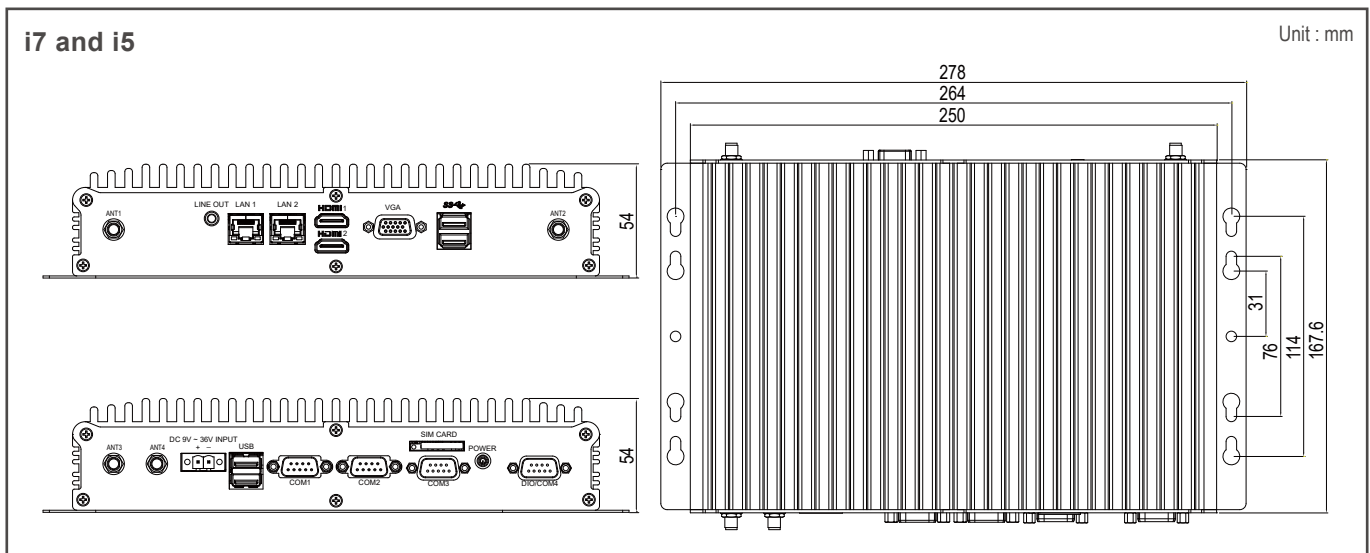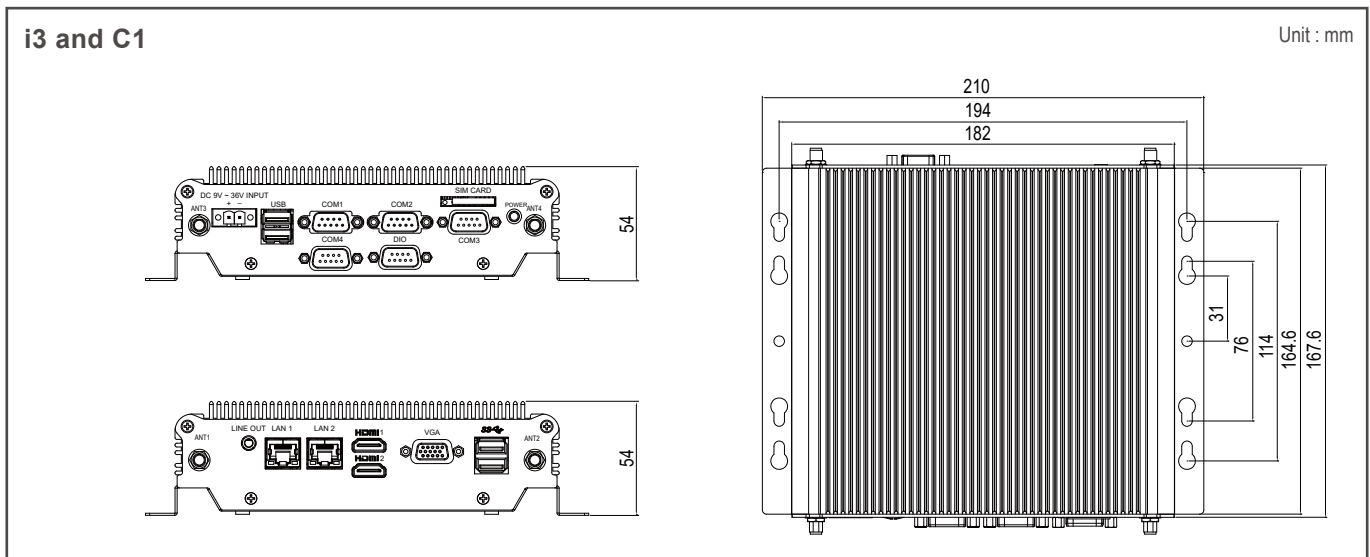• DC 9-36V Power Input

## Introduction

The SBOX-2621 is powered by Intel Gen 6 i7-6600U with HD Graphic 520/2 x LAN/2 x HDMI/VGA DC 9-36V, and up to 16GB DDR4 SO-DIMM Fanless Box PC. The Intel's sixth-generation core microarchitecture, "Skylake" is perfect for the application that requires a boost in performance. Also, this SBOX Fanless Box PC can be applied to the fields of industrial automation, digital signage, outdoor video surveillance and automatic guided vehicle (AGV). The solutions can tackle all manner of outdoor digital applications and extreme weather conditions. To add, there are two options for the case size based on the customers' needs: 250 x 167.6 x 54 mm (for i7 and i5) and 182 x 167.6 x 54mm (for i3 and C1).

## Specifications

| System | |
|---|---|
| CPU | Intel Gen 6 Core i7-6600U 2.6GHz up to 3.4GHz |
| | Intel Gen 6 Core i5-6300U 2.4GHz up to 3.0GHz |
| | Intel Gen 6 Core i3-6100U 2.3GHz |
| | Intel Gen 6 Dual Core 3955U 2.0GHz |
| Memory | 1 x DDR4 SO-DIMM up to 16GB |
| Chipset | N/A |
| Graphics | Intel HD Graphics |
| ATA | 1 x Intel i210-AT Gigabit Ethernet |
| LAN Chipset | 1 x Intel i219-LM Gigabit Ethernet (LAN 2), support iAMT for i5 & i7 |
| Watchdog | 1 ~ 255 Level Reset |
| TPM | 2.0 |

| I/O | |
|---|---|
| Serial Port | 3 x RS-232/422/485 (for i7 and i5) |
| | 4 x RS-232/422/485 (for i3 and C1) |
| USB Port | 2 x USB 2.0 Ports and 2 x USB 3.0 |
| LAN | 2 x RJ45 Ports for GbE |
| Video Port | 2 x HDMI/ 1 x VGA |
| GPIO Port | 4 In and 4 Out GPIO Ports (5V Level) |
| Audio | Line-Out |
| Expansion Bus | 2 x Mini-Card Slots (1 with SIM for LTE only), 1 x M.2 A-E Key |

| Software | |
|---|---|
| Operating System | Windows 10, Ubuntu 16.04 64bit |

| Environmental | |
|---|---|
| Operating Temp. | -30 ~ 60ºC, ambient w/ 0.6m/s airflow |
| Storage Temp. | -40 ~ 85ºC |
| Relative Humidity | 10% RH – 90% RH (non-condensing) |
| Power Input | DC 9-36V Input w/ Reverse Polarity OCP and OVP Protection |

| Storage | |
|---|---|
| Type | 1 x 2.5" Drive Bay for SATA Type Hard Disk Drive/SSD |
| | 1 x SATA DOM |

| Qualification | |
|---|---|
| Certifications | CE, FCC Class A |

| Mechanical | |
|---|---|
| Construction | Aluminum Alloy |
| Mounting | Wall-mount, VESA-mount, Din Rail Mounting Kit |
| Weight | 1200g (for i3 and C1) |
| | 2300g (for i7 and i5) |
| Dimensions | 182 x 167.6 x 47 mm (for i3 and C1) |
| | 250 x 167.6 x 54 mm (for i7 and i5) |

# Dimensions

### i3 and C1

Unit : mm



### i7 and i5

Unit : mm



Please Scan The QR Code For More Information

# Ordering Information

| Part Number | SBOX-2621-i7, SBOX-2621-i5, SBOX-2621-i3, SBOX-2621-C1 |
| --- | --- |
| Description | Intel Gen6 i7-6600U with HD Graphic 520 / 2 x LAN/ 2 x HDMI/ VGA/ DC 9-36V Fanless Box PC |
| State of Origin | Made in Taiwan |

# Optional Accessories

| DRAM | SO-DIMM max.DDR4-2133, 4GB~16GB,0~70ºC/-40~85ºC |
| --- | --- |
| SATA SSD | 2.5inch MLC/TLC 64GB~1TB 0~70ºC/-40~85ºC |
| SATA DOM | MLC 8GB~128GB, 0~70ºC/-40~85ºC |
| Wifi | M.2 A-E key 2230, 802.3a/b/g/n/ac |
| Modem | LTE miniPCIe card |
| GPS | GPS miniPCIe card |
| Power adapter | Power Adapter 12V/5A 60W Jack |

All specifications are subject to change without notice.