

Embedded Computing

# 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. : -30~60°C
- 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).

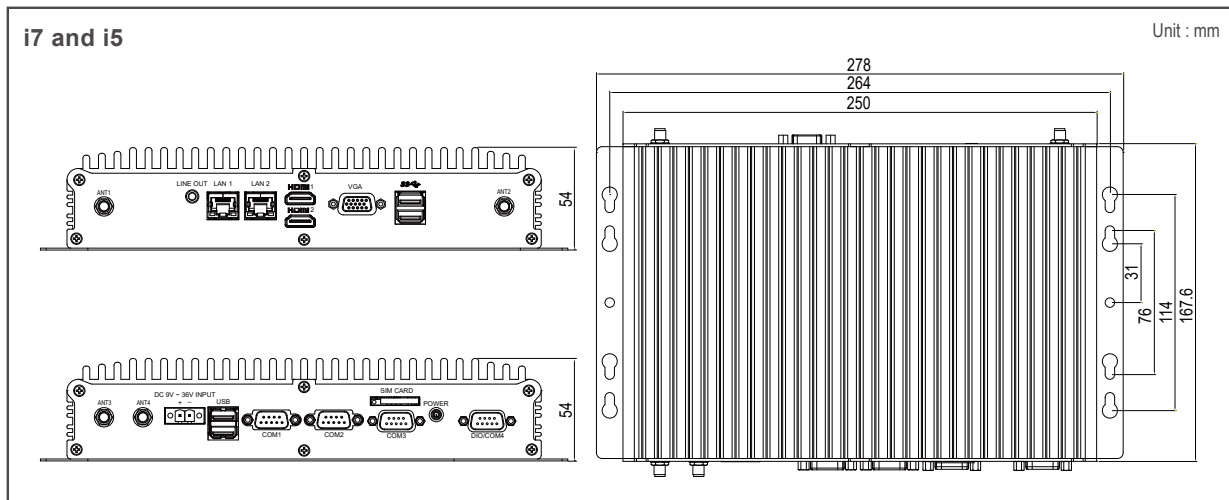
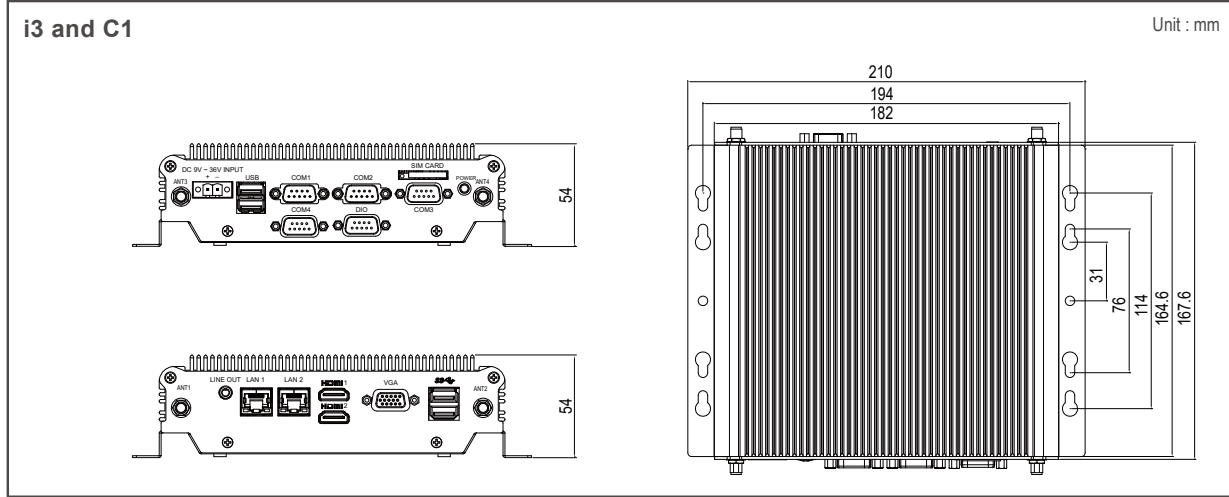
## Specifications

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 ~ 60°C, ambient w/ 0.6m/s airflow
Storage Temp.	-40 ~ 85°C
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
	1200g (for i3 and C1)
Weight	2300g (for i7 and i5)
	182 x 167.6 x 47 mm (for i3 and C1)
Dimensions	250 x 167.6 x 54 mm (for i7 and i5)

All specifications are subject to change without notice.

## Dimensions



Please Scan The QR Code For More Information

## Ordering Information

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

## Optional Accessories

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

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## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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