

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).

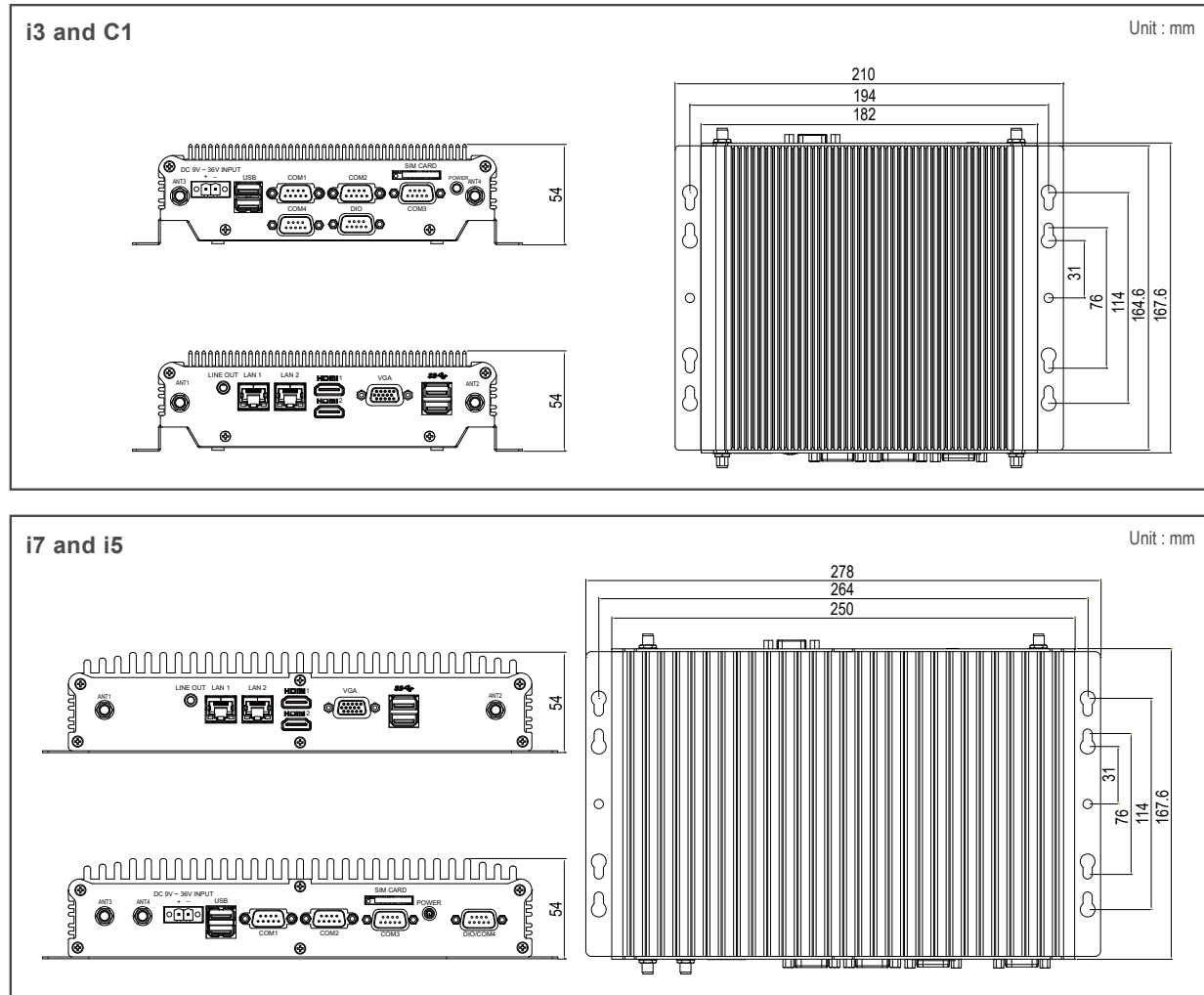
Specifications

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
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)

All specifications are subject to change without notice.

Dimensions



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

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