

# VBOX-3611-4L

Intel Gen6 Core i7-6600U CPU with 4 x GbE LAN  
On-Board Computer

## Features

- Intel Core i7-6600U
- Wireless support LTE w/ Dual SIM Cards, WLAN, GPS Dead Reckoning, WiFi, BT (Optional)
- 9V - 48V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- Dual Hot Swappable SATA Storage, RAID 0, 1, 5
- 1 x CAN Bus 2.0B (Optional)
- E13 and EN50155 certified



Taiwan Patent No. M447854

Taiwan Patent No. M448011



Delay Time



Power Ignition



Wide Range



Wireless



Battery Backup

## System

|             |  |
|-------------|--|
| CPU         | Intel Gen 6 Core i7-6600U 2.6GHz up to 3.4GHz<br>Intel Gen 6 Core i5-6300U 2.4GHz up to 3.0GHz<br>Intel Gen 6 Core i3-6100U 2.3GHz<br>Intel Gen 6 Dual Core 3955U 2.0GHz |
| Memory      | 2 x DDR4 2133 MHz SO-DIMM up to 32GB   |
| Chipset     | Intel 6th Generation Core SoC Processor  |
| LAN Chipset | Intel I210-AT Gb/s Ethernet Controllers Onboard Support PXE and WOL  |
| Audio       | Realtek ALC662 HD Codec Onboard  |
| Watchdog    | Watchdog Timer Support, Offer 1 – 255 Step   |
| TPM         | 2.0  |

## I/O

|                 |   |
|-----------------|---|
| Serial Port     | 4 x RS-232 (2 with RS-422/485 (Auto Direction Control))             |
| USB Port        | 4 x USB 3.0 Ports   |
| LAN             | 4 x RJ45 Ports for GbE ( 1 port with iAMT)                          |
| Video Port      | 1 x DVI-I*, 1 x VGA and 1 x DP (support Triple Independent Display) |
| DIO Port        | 4 In and 4 Out  |
| Audio           | 1 x Line-out and 1 x Mic-in (Line-in Optional)                      |
| SIM Card Socket | 2 x SIM Card Sockets Supported Onboard with eject                   |
| Expansion Bus   | 3 x mini-PCIe cards, 1 x M.2 2230 A-E Key                           |

\*Use only with Single Link DVI Cables.

## Power Requirement

|                   |   |
|-------------------|---|
| Power Input       | 9V - 48V DC Power Input   |
| Power Protection  | Automatics Recovery Short Circuit Protection  |
| Power Management  | Vehicle Power Ignition for Variety Vehicle  |
| Power Off Control | Power off Delay Time Setting by BIOS and Software   |
| Battery(UPS)      | Internal Battery Kit for 10 Mins Operating (Optional)<br><b>Patent No. : M447854 - Build-in Battery</b> |

## Software

Operating System Win 10, Ubuntu 16.04 64bit

## Storage

Type 2 x 2.5" Drive Bay for SATA Type HDD/SSD RAID 0, 1, 5  
1 x SATA DOM

## Graphics

Graphics Intel® HD Graphics 520  
DirectX Video Acceleration (DXVA) for Accelerating Video Processing - Full AVC/VC1/MPEG2 HW Decode  
Supports DirectX 11/10.1/10/9 and OpenGL 4.0

Resolution Max Resolution (HDMI1.4) : 4096x2304@24Hz  
Max Resolution (DP) : 4096x2304@60Hz

## Environmental

Operating Temp. -40°C ~ 70°C, ambient w/ 0.6m/s airflow  
Storage Temp. -40°C ~ 85°C  
Relative Humidity 10% RH ~ 90% RH (non-condensing)  
Vibration (random) IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis with SSD  
Vibration Operating MIL-STD-810G, Method 514.6, Procedure I, Category 4  
Shock Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD  
Certifications CE, FCC Class A, E13, EN50155  
(The input Negative connects with chassis Ground)

## Mechanical

Construction Aluminum Alloy  
Mounting Supports Both of Wall-mount/VESA-mount  
Weight 2160 g (Barebone)  
Dimensions 250 x 150 x 55 mm

## Ordering Information

Part Number VBOX-3611-4L-i7  
Description Intel Gen6 Core i7-6600U CPU with 4 x GbE LAN On-Board Computer  
State of Origin Made in Taiwan

