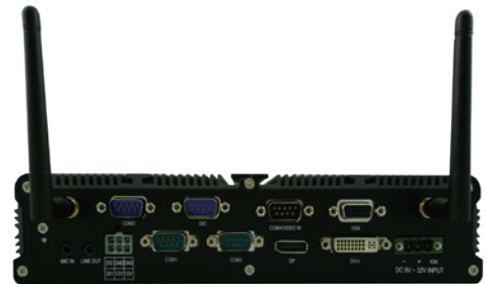# VBOX-3611-POEX

Intel Gen6 Core i7-6600U CPU with 4 x POE Ports On-Board Computer

Features

- **Intel Core i7-6600U**
- **Wireless support LTE, 3.5G w/ SIM Card, WLAN GPS Dead Reckoning, GSM/GPRS, BT**
- **4 x Power Over Ethernet (POE)**
- **Smarter Vehicle Power Ignition for Variety Vehicle**
- **Dual Hot Swappable SATA Storage, RAID 0, 1, 5**
- **1 x CAN Bus 2.0B (Optional)**

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
	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	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	3 x RS-232 (2 with RS-422/485 (Auto Direction Control))
USB Port	2 x USB 3.0 Ports, 2 x USB 2.0 Ports
LAN	4 x M12 X-Code for GbE POE (IEEE802.3AF 15.4W per port)
Video Port	1 x DVI-I*, 1 x DP, 1, VGA (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	1 x SIM Card Socket Supported Onboard with eject
	*Use only with Single Link DVI Cables.

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

Storage

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

Power Requirement

Power Input	9V - 36V 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 Software and BIOS
Battery(UPS)	Internal Battery Kit for 10 Mins Operating (Optional) **Patent No. : M447854 - Build-in Battery**

Environmental

Operating Temp.	-40ºC ~ 70ºC, ambient w/ 0.6m/s airflow
Storage Temp.	-40ºC ~ 85ºC
Relative Humidity	0% RH – 95% RH
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

Mechanical

Construction	Aluminum Alloy
Mounting	Supports Both of Wall-mount/VESA-mount
Weight	1980 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

All specifications are subject to change without notice.

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