

VBOX-3611-4L

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

AI GPU Computing

In-Vehicle Computing

Embedded Computing

Video Surveillance



Delay Time



Power Ignition



Wide Range



Wireless



Battery backup

Taiwan Patent No. M447854
Taiwan Patent No. M448011

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
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Memory	2 x DDR4 2133 MHz SO-DIMM up to 32GB
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Chipset	Intel 6th Generation Core SoC Processor
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LAN Chipset	Intel I210-AT Gb/s Ethernet Controllers Onboard Support PXE and WOL
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Audio	Realtek ALC662 HD Codec Onboard
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Watchdog	Watchdog Timer Support, Offer 1 – 255 Step
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TPM	2.0
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I/O

Serial Port	4 x RS-232 (2 with RS-422/485 (Auto Direction Control))
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USB Port	4 x USB 3.0 Ports
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LAN	4 x RJ45 Ports for GbE (1 port with iAMT)
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Video Port	1 x DVI-I*, 1 x VGA and 1 x DP (support Triple Independent Display)
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DIO Port	4 In and 4 Out
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Audio	1 x Line-out and 1 x Mic-in (Line-in Optional)
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SIM Card Socket	2 x SIM Card Sockets Supported Onboard with eject
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Expansion Bus	3 x mini-PCIe cards, 1 x M.2 2230 A-E Key
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* 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
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Resolution	Max Resolution (HDMI1.4) : 4096x2304@24Hz Max Resolution (DP) : 4096x2304@60Hz
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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)

Storage

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

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

Environmental

Operating Temp.	-40°C ~ 70°C
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Storage Temp.	-40°C ~ 85°C
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Relative Humidity	0% RH – 95% RH
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Vibration(random)	IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis with SSD
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Vibration Operating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
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Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD
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Certifications	CE, FCC Class A, E-13
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Mechanical

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

Part Number	VBOX-3611-4L-i7
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Description	Intel Gen6 Core i7-6600U CPU with 4 x GbE LAN On-Board Computer
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State of Origin	Made in Taiwan
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All specifications are subject to change without notice.