VBOX-3611-IP65

Backplane Systems Technology Pty Ltd
Backplane Systems Technology
TEL 02 9457 6400
sales@backplane.com.au
www.backplane.com.au
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Intel Gen6 Core i7-6600U CPU with HD 520 GPU IP65
In-Vehicle Computer

Features

- Intel Core i7-6600U
- Wireless Support LTE, WLAN, GPS, Bluetooth(Option)
- 9V - 48V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- 4 x DI / 4 x DO with Relay 5V / 100mA
- IP65 Level for Water and Dust Proof

Taiwan Patent No. M447854

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
LAN Chipset	1 x Intel I219LM (support iAMT for i5, i7 only) Gigabit Ethernet
	1 x Intel I210-AT Gb/s Ethernet Controllers Onboard Support PXE and WOL
Audio	Realtek ALC662 HD Codec Onboard
Watchdog	1 ~ 255 Level Reset
TPM	2.0

I/O

Serial Port	2 x RS-232/422/485 (optional max. 4 x RS-232/422/485)
USB Port	4 x USB 2.0 Ports on Front I/O
LAN	4 x M12 A-Code for GbE (3 ports with PoE 802.3af)
Video Port	1 x DVI-I*
DIO Port	4 in and 4 out with Relay 5V / 100mA
AIO Port	2 x Analog Input (0-48V)
Audio	1 x Line-out, 1 x Mic-in and 1 x Line-in (optional - 1 x Line-out additional)
SIM Card Socket	2 x SIM Card Sockets Supported Onboard
	*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
Battery(UPS)	Internal Battery Kit for 10 Mins Operating (Optional) **Patent No. : M447854 - Build-in Battery**

Software

Operating System	Win 10, Ubuntu 16.04 64bit

Storage

Type	1 x 2.5" Drive Bay for SATA Type Hard Disk Drive / SSD 1 x M.2 2280 co-layout 2242 M key SSD (SATA BUS)

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	Up to 2560 x 1600 @85Hz

Environmental

Operating Temp.	-40ºC ~ 70ºC, ambient w/ 0.6m/s airflow
Storage Temp.	-40ºC ~ 80ºC
Relative Humidity	10% RH – 90% RH (non-condensing)
IP Rating	IP65
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, E-13

Mechanical

Construction	Aluminum Alloy
Mounting	Supports Both of Wall-mount/VESA-mount
Weight	1980 g (Barebone)
Dimensions	250 x 155 x 55 mm

Ordering Information

Part Number	VBOX-3611-IP65
Description	Intel Gen6 Core i7-6600U CPU with HD 520 GPU IP65 In-Vehicle Computer
State of Origin	Made in Taiwan