VBOX-3610-POE

Intel Gen5 Core i7-5650U CPU with 4 x POE Ports On-Board Computer

Delay Time | Power Ignition | Wide Range | Wireless | Battery backup

Features

- Intel Core i7-5650U / Core i3-5010U
- 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
- Support Dual Hot Swappable SATA Storage
- Support 1 x CAN Bus 2.0B (Optional)

Taiwan Patent No. M447854, M448011

System

CPU	Intel Gen 5 Core i7-5650U 2.2GHz up to 3.1GHz Intel Gen 5 Core i3-5010U 2.1GHz Intel Gen 4 Core i7-4650U 1.7GHz up to 3.3GHz Intel Gen 4 Core i5-4300U 1.9GHz up to 2.9GHz Intel Gen 4 Core i3-4010U 1.7GHz Intel Gen 4 Dual Core Celeron 2980U 1.6GHz
Memory	2 x DDR3L 1600 MHz SO-DIMM up to 16GB
Chipset	N/A
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

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 Ports for GbE POE (IEEE802.3AF/AT 15.4W per port)
Video Port	1 x DVI-I*, 1 x DP Port, 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 5000 / 6000 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 3200x2000@60Hz (DP) for Gen 4 Up to 3840x2160@60Hz (DP) for Gen 5

Storage

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

Power Requirement

Power Input	9V - 36V DC Power Input
Power Protection	Automatics Recovery Short Circuit Protection
Power Mgmt.	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 (Default CPU 17Watt) **Patent No. : M448011 - Thermal Cooling**
Storage Temp.	-40ºC ~ 80ºC
Relative Humidity	0% RH – 95% RH
Vibration(with SSD)	IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis MIL-STD-810G, Method 514.6, Procedure I, Cat.4, Operating
Shock	Operating: MIL-STD-810G, Method 516.5, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD
Crash Hazard	MIL-STD-810G, Method 516.5, Procedure V, Ground equipment=100g
Certifications	CE, FCC Class A, E-13, EN50155, EN50121, EN45545-2 (R25)

Mechanical

Construction	Aluminum Alloy
Mounting	Supports Both of Wall-mount/VESA-mount
Weight	1780 g (Barebone)
Dimensions	250 x 150 x 55 mm

Ordering Information

Part Number	763610000100
Description	Intel Gen5 Core i7-5650U CPU with 4x POE Ports On-Board Computer
State of Origin	Made in Taiwan

All specifications are subject to change without notice.