

VBOX-3611-M12X

Intel Gen6 Core i7-6600U CPU with HD 520 GPU 2 x M12 X-code **On-Board Computer**





Power Ignition

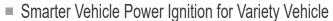
Wide Range

Features











■ 1 x CAN Bus 2.0B (Optional)











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
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

1/0	
Serial Port	4 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	2 x M12 X-Code Ports for GbE
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

^{*} 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

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

Power	Requirement	
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	Patent No. : M447854 - Build-in Battery
Battery (UPS)	Internal Battery Kit for 10 Mins Operating (Optional)
Power Off Control	Power off Delay Time Setting by BIOS and Software
Power Management	t Vehicle Power Ignition for Variety Vehicle
Power Protection	Automatics Recovery Short Circuit Protection
Power Input	9V - 36V DC Power Input

Environmental

Operating Temp.	-40°C ~ 70°C (Default CPU 17Watt)
Storage Temp.	-40°C ~ 80°C
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, EMark Compliance

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-M12X
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	2 x M12 X-code On-Board Computer



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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