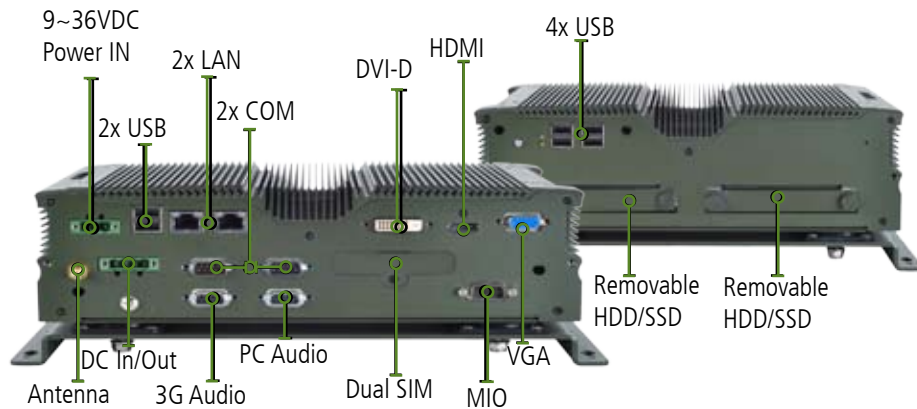


# LVC-5570

## Fanless In-Vehicle Computer with Intel Core i7-2655LE Processor



### Features

#### Fanless Design with Corrugated Aluminum

The corrugated aluminum casing allow heat to dissipate off the top of the platform allowing for a fanless design.

#### Design for MIL-STD-810G with Extreme Vibration Resistance

LVC-5570 is in compliance with MIL-STD-810G in vibration and shock with SSD storage. The Suspension Kit is also available for further harsh environment.

#### Vehicle Ignition Power Management

Detect the ignition on/off status and allow controlling delay time by flexible setting via utility.

#### Design for Extreme Operating temperature

This product is ruggedized to support a wider than usual range of temperatures. Outfitted with industrial components (SSD, Memory) this appliance can thrive in harsh conditions.

#### Diversity of Digital Input/Output Support

Besides 4x DI, 3x DO with 12V TTL level for easy usage with vehicle parts., additionally LVC-5570 supports 2x DI (5V TTL for MCU) which can connect sensors to detect the environment. Once certain events occur, LVC-5570 can be turned on automatically.

### 3G Voice Communication

This vehicle PC supports 3G voice communication which allows people can communicate with operating center through voice directly. (Validated MC-8090/8092 3G module Only)

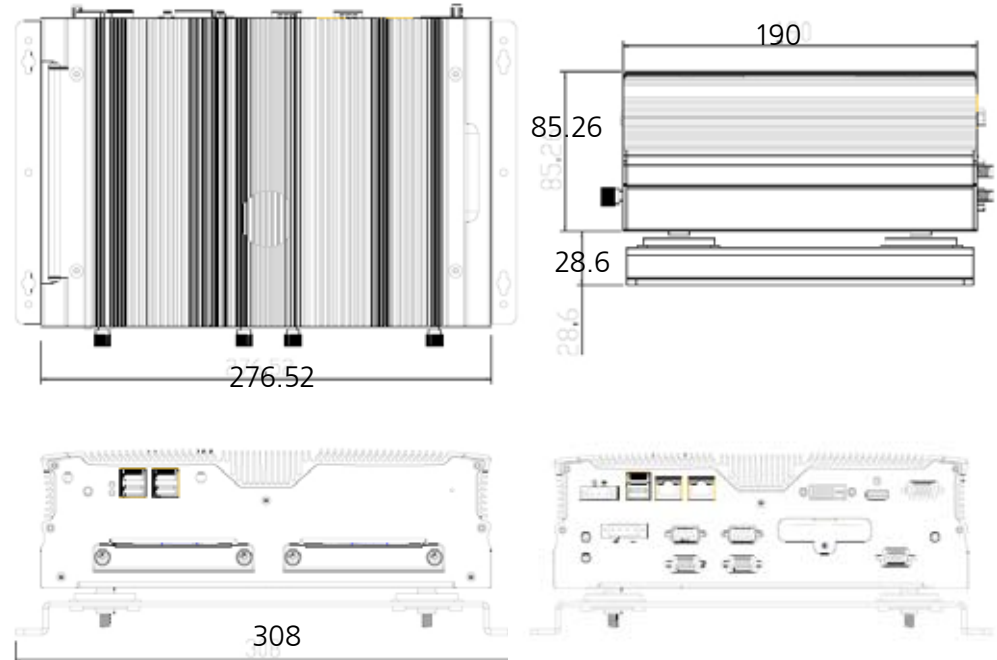
### Convenient DC Output

LVC-5570 offer 9~36VDC (max 10A) output for external devices. It can be enabled or disabled via software.

### Dual Front Access SIM Card Reader

The external SIM card readers, allowing end-users to change or install a SIM card without opening the case.

### Dimensions: 276.52 x 190 x 85.26mm



## Specifications

<b>Dimensions (WxHxD)</b>		276.52x190x 85.26mm
<b>Processor</b>		Intel Core i7-2655LE Processors
<b>Chipset</b>		Intel HM65
<b>System</b>	Technology	DDR3 SO-DIMM x2
	Max. Capacity	Up to 16GB
<b>Storage</b>	SATA	Removable 2.5" SSD/HDD drive bay x2, on-board 8GB SSD
<b>Ethernet Controller</b>		Intel 82574L x2
<b>Graphic Controller</b>		Intel integrated HD graphic engine
<b>Audio Controller</b>		Realtek ALC886 HD codec
<b>IO</b>	LAN	GbE RJ45 x2
	Display	DVI-D, maximum resolution up to 1920 x 1200 @60 Hz VGA, maximum resolution up to 2048 x 1536 @75 Hz HDMI, maximum resolution up to 1920 x 1200 @60 Hz Dual display function supports Independent, clone and extended mode.(VGA+DVI or VGA+HDMI)
		Audio
	Serial I/O	2x RS-232/422/485 with RI/5V/12V
	GPS	Ublox NEO-6Q GPS receiver module
	G-sensor	ADXL 345
	GPIO	4x DI 12V TTL Level 3x DO 12V TTL Level 2x DI (for MCU) 5V TTL Level
		USB 2.0
	Power Input	3-pin terminal block (+, -, ignition)
	Expansion	Mini-PClex4 with 3 SIM card readers
	Others	External: 5x SMA antenna hole, reset, Remote Power switch 9~36Vdc (max. 10A) output software On/Off controlable
	<b>Power Input</b>	
<b>AC Adapter</b>		Ordering Option
<b>OS Support</b>		Linux: Redhad Enterprise 5/ Fedora 14. Linux Kernel 2.6.18 or later Windows: Microsoft Windows 7/XP/XP pro; Embedded/7 Embedded
<b>Certifications</b>		CE, FCC Class A, E13, RoHS
<b>Compliance</b>		Vibration: MIL-STD-810G, Method 514.6 Shock: MIL-STD-810G, Method 516.6
<b>Operating Temperature Range</b>	Extended	With Industrial Components -20~55°C / -4~131°F
	Standard	With Commercial Components -5~45°C / 23~113°F

## Ordering Information

LVC-5570-7A	Intel® i7-2655LE In-Vehicle Computer, DDR3 SO-DIMM x2, Onboard 8GB SSD chip, 2.5" Removable Drive Bay x2, Mini-PCle x4 with three SIM card reader, Intel GbE x2, USB x6, COM x2, PC Audio, Multiple I/O integrated Dlx4, DOx3, remote power button and 12VDC output, DC Power input +9~36Vdc with Ignition, Suspending Kit and PoE Power Adapter included.
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