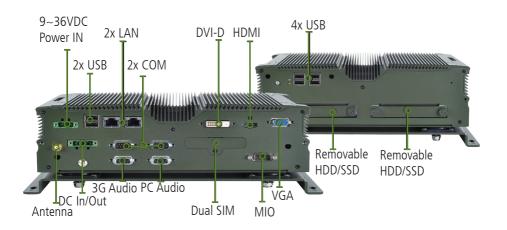
LVC-5570-7C

Fanless In-Vehicle Computer with Intel Core i7-3517UE 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)

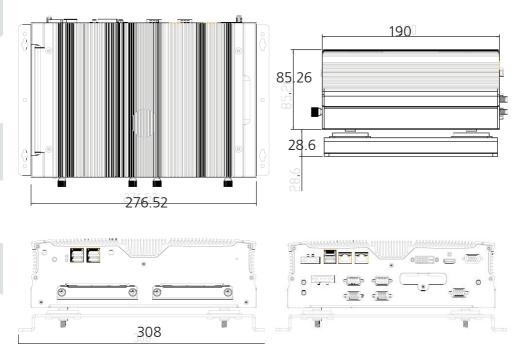
Convenient DC Output

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 85.26 mm



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Specifications

Dimensions (W	/xHxD)	276.52 x 85.26 x 190 mm
Processor	·	Intel Core i7-3517UE Processors
Chipset		Intel HM65
System	Technology	DDR3 SO-DIMM x2
Memory	Max. Capacity	Up to 16GB
Storage	SATA	Removable 2.5" 15mm SSD/HDD drive bay x2, mSATA x1
Ethernet Contr		Intel 82574L x2
Graphic Contro		Intel GMA 3659
Audio Controll		Realtek ALC886 HD codec
	<u>LAN</u> Display	GbE RJ45 x2 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	1x Mic-in and Line-out (for PC) with 2 watt 1x Mic-in and Line-out (for Validated MC-8090/8092 3G module) under DB9 female connector
	Serial I/O	2x RS-232/422/485 with RI/5V/12V
10	GPS	Ublox NEO-7N 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	Type A x6
	Power Input	3-pin terminal block (+, -, ignition)
	Expansion	Mini-PCle x4 with 3 SIM card readers
	Others	External: 10x SMA antenna hole, reset, Remote Power switch 9~36Vdc (max. 10A) output software On/Off controlable
Power Input		+9~36VDC input range, ATX mode support ignition delay on/off control
AC Adapter		Ordering Option
OS Support		Windows: WES 2009/ XP Pro FES WES7(WS7E)/W7 Pro SP1 / WE8 STD, Linux: Redhat Enterprise 5, Fedora 14, Linux Kernel 2.6.18 or later
Certifications		CE, FCC Class A, E13, RoHS
Compliance		Vibration: MIL-STD-810G, Method 514.6 Shock:MIL-STD-810G, Method 516.6
Operating Tomporature	Extended	With Industrial Components -30~60°C/-22~140°F
Temperature Range	Standard	With Commercial Components -5~45°C / 23~113°F

Ordering Information

Intel® Core i7-3517UE In-Vehicle Computer, DDR3 SO-DIM x2, Onboard 8GB SSD chip, 2.5" Removable Drive Bay x2, Mini-PCle x4 with three SIM card reader, Intel GbE x2, USB COM x2, PC Audio, Multiple I/O via DB-15 cable integrated DIx4, DOx3, remote power button and 12VDC output resert for accessory, DC Power input +9~36Vdc with Ignition, vide external cable included, Suspending Kit included.	board 8GB SSD chip, 2.5" Removable Drive Bay x2, Cle x4 with three SIM card reader, Intel GbE x2, USB x6, 2, PC Audio, Multiple I/O via DB-15 cable integrated POx3, remote power button and 12VDC output reserved essory, DC Power input +9~36Vdc with Ignition, video	
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