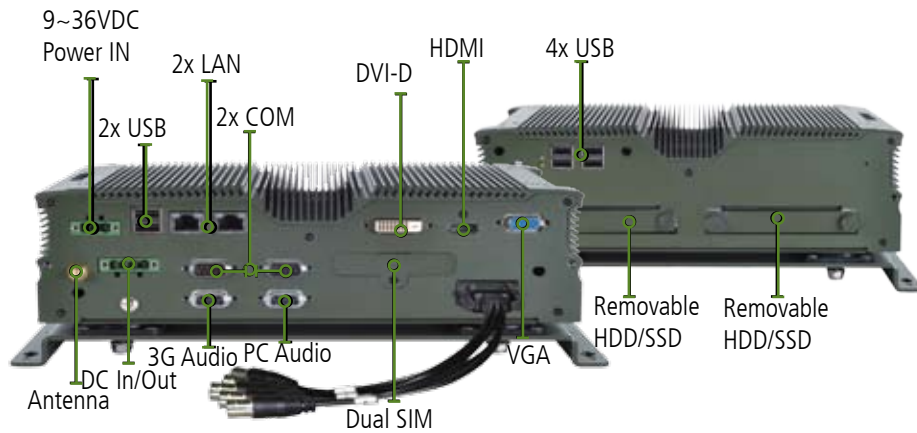


# LVC-5570D4-CA Fanless In-Vehicle Computer with Intel Celeron 1020E Processor



## 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)

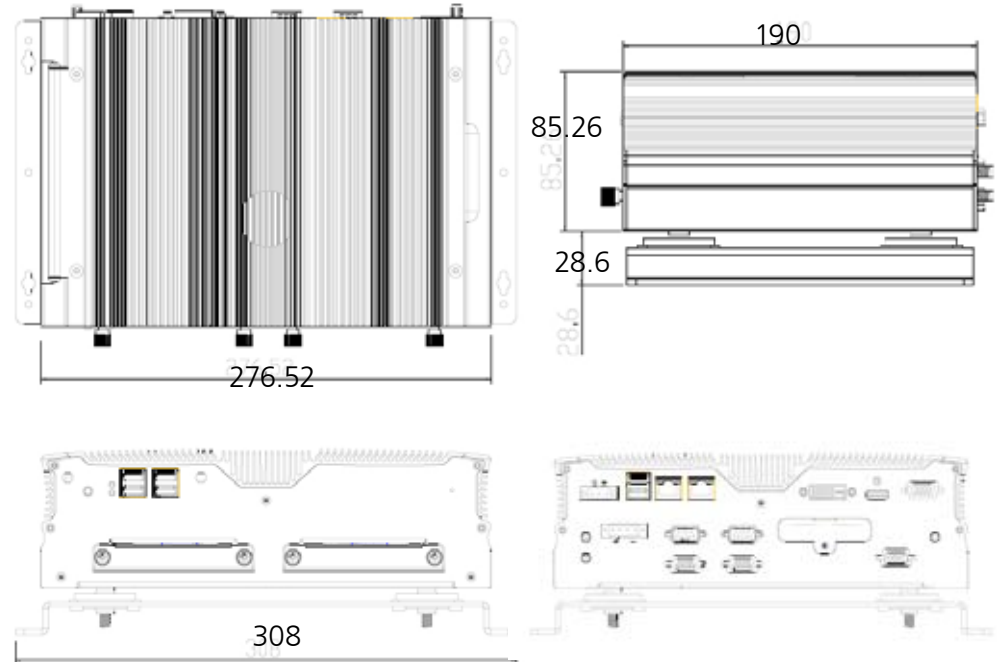
## Convenient DC Output

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 Celeron 1020E Processors	
<b>Chipset</b>		Intel HM65	
<b>System Memory</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	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	
	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	Type A x6
	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>		+9~36VDC input range, ATX mode support ignition delay on/off control
	<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-5570D4-CA	Intel® Celeron 1020E In-Vehicle Computer, DDR3 SO-DIMM x2, Onboard 8GB SSD chip, 2.5" Removable Drive Bay x2, Mini-PCIe x4 with three SIM card reader, one mini PCIe socket pre-installed video capture card SC330N4 and its video cable, Intel GbE x2, USB x6, COM x2, PC Audio, Multiple I/O via DB-15 cable integrated Dlx4, DOx3, remote power button and 12VDC output reserved for accessory, DC Power input +9~36Vdc with Ignition, video external cable included, Suspending Kit included.
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