

# iVC-A7

12.1" IP65 Waterproof Grade Vehicle Computer for Public Transit, Off-Road and Military Truck Application

## Features

- Intel® Broadwell-U Core™ i3-5010U processor for iVC-A7
- 12.1" high brightness 850 nits projective capacitive touch panel with IP65 protection
- Seamless communication with WiFi, 3G, 4G and GPS built
- Supports USB 2.0, 3.0, RJ45 and CAN bus 2.0
- Wide power input: 9V~36V
- Wide operating temperature: -20°C~ 65°C
- Space-optimized design
- Optional I/O box

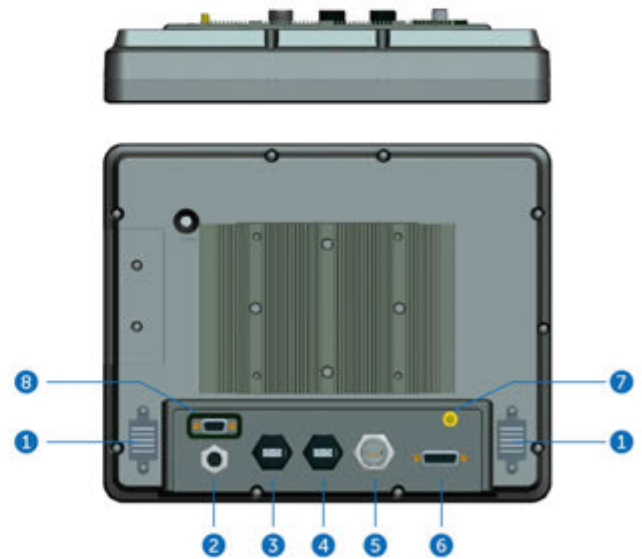


## Dimension

Front



Back



1	Speaker	2	Power Connector	3	USB 2.0 Port	4	USB 3.0 Port
5	LAN Port	6	26 Pin I/F Port	7	GPS	8	CAN bus

## Application

iVC-A7 is a fanless vehicle computer with IP65 rated waterproof protection that provides easy operation and high productivity. It is designed for use in harsh, off-road environments for public transport and military truck applications. iVC-A7 has 12.1" high brightness projective capacitive touch panel and features seamless communication with its built-in WiFi, 3G, 4G and GPS that makes communication between the management center and operator much more convenient.



## Specifications

	Items	Description
Display	Display	12.1" TFT LCD, LED Backlight 850nits,XGA(1024x768)
	Touch Panel	Projective capacitive touch
Computer Platform	CPU	Broadwell-U Intel ® Broadwell-U Core™ i3-5010U Processor (2.10GHz, 3MB Cache)
	OS	Win7 Embedded & Win 8 Embedded Linux by project base
Storage	System Memory	1x 204-pin SO-DIMM DDR3L-1333 / DDR3L-1600
	Storage	Half Slim SATA 32G SSD SATA DOM
Communication	GPS	GPS support (u-blox Max M8)
	3G	Mini PCIe interface
	Wi-Fi	Mini PCIe interface
System I/O	LAN	1x RJ45 LAN Port (10/100/1000 Base-T)
	USB	1x USB2.0 1x USB3.0
	I/F Port	1x 26-pin connector, 4x RS232 COM port, 3x Car Signal (Back Signal/Back) / DI (with isolate), 3x DO (with isolate)
	CAN Bus	1x 9-pin Dsub port
	Speaker	2x 3W speaker
Power	Power Input	9V~36V
Environment	Operating Temperature	-20 ~ +65°C
	Storage Temperature	-30 ~ +80°C
	Operating Humidity	25~85%RH
	Storage Humidity	10~90%RH
	Shock	981m/S2 (10g): 3-axies(operating)
	Vibration	29.4m/S2 (3g): 3-axies(operating)
	Certification	CE/FCC,IP65
Mechanical	Dimensions	318 x 259.3 x 58.7 mm
	Weight	3800gram
	Mounting	VESA 75x75mm