

iVC-A5

10.4" IP65 Waterproof Stationary Panel Computer
for Harsh Industrial Environment.

Features

- Intel® Atom™ Bay Trail processor E3815 for iVC-A5.
- 10.4" high brightness 1000nits touch Panel with IP65.
- Seamless communication with Wi-Fi, 3G/4G and GPS built inside.
- Supports USB3.0 port, USB2.0 port, and RJ45 LAN port.
- Optional I/O box for IO extension Up to 8 Isolation Digital I/O.
- Wide power input from 9V~36V.
- Space-optimized design for installation.



Front

Back



1	USB 3.0 Port	2	USB 2.0 Port	3	SSD Door	4	GPS Antenna
5	Power Button	6	LAN Port	7	26 Pin I/F Port	8	Power Connector

Application

The iVC-A5 is a fanless stationary panel computer with IP65 designed for harsh environment, particularly developed to provide easier operation and high productivity in areas requiring frequent washing such as fire truck, ambulance and off-road vehicle. The iVC-A5 has a footprint of 10.4x 8.5 inches and is only 1.45 inches thick. For a machine this rugged it also doesn't weigh much. With 3G, Wi-Fi and GPS built inside, seamless communication between management center and operator will be more convenient.



Fire Truck



Ambulance



Off-Road Vehicle

Specifications

	Items	Description
Display	Display	10.4 inch (1024 x 768 (XGA)), 1000nits
	Touch Panel	Capacity touch screen.
Computer Platform	CPU	Intel® Atom™ Processor E3815 (512K Cache, 1.46 GHz)
	OS	Win7 Embedded & Win 8 Embedded
		Linux by project base
Storage	System Memory	204pin SO-DIMM DDR3L-1066 / DDR3L-1333
	Storage	Half Slim SATA 32G SSD
		SATA DOM
		SDHC support
Communication	GPS	Onboard u-Blox Max M8
	3G	Support by full mini PCIe socket(optional)
	Wi-Fi	Support by full mini PCIe socket(optional)
System I/O	LAN	X1 RJ45 LAN Port (10/100/1000 Base-T)
	USB	X1 USB2.0
		X1 USB3.0
	I/F Port	X1 26Pin connector
	CAN Bus	X1 D-sub 9Pin
	Power Switch	Onboard slide switch for power input availability
	Box Connector	Onboard 26-pin for CB/ACC, DI/DO; IO BOX (optional).
	Speaker	X2 3W Speaker
Power	Power Input	9V~36V
Environment	Operating Temperature	-10 ~ +65 °C
	Storage Temperature	-20 ~ +80 °C
	Operating Humidity	25~85%RH
	Storage Humidity	10~90%RH
	Shock	981m/S2 (10g): 3-axiles(operating)
	Vibration	29.4m/S2 (3g): 3-axiles(operating)
Mechanical	Certification	CE/FCC,IP65
	Dimensions	271mm(W)x216mm(H)x37mm(D)
	Weight	2000gm
	Mounting	VESA 75x75mm