

Introduction

VC-3110 is in-vehicle computer for specially use in Motorcade, Freight vehicles, Bus and Taxi. With more functions of the flexible scalability, like 3.5G, WIFI, GPS, Bluetooth .etc and wide temperature design of -40~70°C , Regarding the vehicle power management system (Power Ignition and off, Delay on/off control), it can prevent the damage of surge, electric noise of the damage system impact, and effectively protect the system from damage of vehicle emergency power off. VC-3110 GPS support navigation speculation technique, even if the vehicles run in the tunnel, the control center can also pinpoint its location.

Features

- Intel Cedarview Atom D2550 Dual Core 1.86GHz Processor
- Wireless support LTE, 3.5G, WLAN, GPS, GSM/GPRS, Bluetooth
- 9~32V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- Support 2 x RS-232 (COM1 with 232/422/485)
- Support 2 x DI/DO with Relay 12V/100mA



Applications

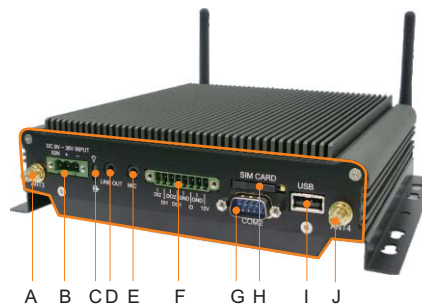
- Fleet Management
- Healthcare
- Warehousing
- Logistics Express
- Specical Vehicle



Specification

Hardware System	CPU	- Intel Cedarview Atom™ D2550 Dual Core 1.86 Ghz	Mechanical	Construction	- Aluminum alloy
	Memory	- 1 x DDR3-1066 SO-DIMM up to 4GB		Mounting	- Wall-mount, VESA-mount
Power Requirement	Chipset	- Intel Nm10	Environmental	Weight	- 1.406 kg (bare-bone)
	Graphics	- Intel GMA3650		Dimensions	- 182 x 167.6 x 52 mm
Storage	ATA	- 2 x Serial ATA 2.0 Ports	Order Information	Operating Temp.	- -40~70°C (SSD), ambient w/ air
	LAN Chipset	- 2 x Realtek RTL8111E Gb/s Ethernet		Storage Temp.	- -40~80°C
I/O Ports	Watchdog	- 1~255 Level Reset		Relative Humidity	- 10~95%@40°C (non-condensing)
	Power Input	- 9~32V DC Power Input		Vibration (random)	- 2.5g@5~500 Hz with SSD
Software Qualification	Power Management	- Vehicle Power Ignition for Variety Vehicle		Vibration Operating	- MIL-STD-810F, Method 514.5, Category 20, Ground Vehicle-Highway
	Power Off Control	- Power off Delay Time Setting by Software, Default is 5 Mins		Truck Storage	- MIL-STD-810F, Method 514.5, Category 24, Integrity Test
	Backup Battery	- Internal Battery Kit for 10 Mins Operating (Optional)		Shock	- Operating: MIL-STD-810F, Method 516.5, Procedure I, Trucks and semi-trailers=40G(11ms), Non-Operating 80G with SSD
	Type	- 1 x 2.5" drive bay for SATA Type Hard Disk Drive / SSD		Crash Hazard	- MIL-STD-810F, Method 516.5, Procedure V, Ground equipment=100g
	Serial Port	- 1 x RS-232		Part Number	Description
	USB Port	- 1 x RS-232/422/485 (COM1)		VC- 3110-B00X	Intel Atom D2550 Dual Core 1.86GHz CPU In-Vehicle Computer with 9~32V DC Input
	LAN	- 3 x USB 2.0		VM-705W	7"(16:9) In-Vehicle Display with Touch Screen, USB Interface, 400nits, 9~32V DC Power Input, VESA Mounting
	Video Port	- 2 x RJ45 Ports for GbE		VM-800W	8"(16:9) In-Vehicle Display with Touch Screen, USB Interface, 400nits, 12V DC Power Input, VESA Mounting
	GPIO Port	- 1 x DVI-I Female Connector for DVI-D and VGA Output		VM-102W	10.2"(16:9) In-Vehicle Display with Touch Screen, USB Interface, 400nits, 9~32V DC Power Input, VESA Mounting
	Audio	- Support 2 in and 2 out with Relay 12V/100mA		VM-121H	12.1"(4:3) Ultra-Grade In-Vehicle Display with Touch Screen, USB Interface, 1000nits, 9~32V DC Power Input, VESA Mounting
	Expansion Bus	- Mic-in / Line-out			
		- 3 x Mini-card Slots			
		- 2 x SIM Card Socket			
	Operating System	- Windows XP Pro, Windows 7			
	Certifications	- CE, FCC Class A, eMark Compliance			

Input/Output Ports



Dimensions

