

# 12 VPC-5500S

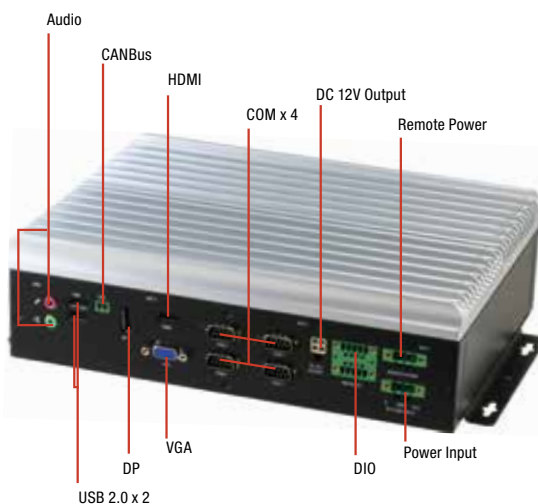
Network Video Recorder & Mobile NVR

In-Vehicle Network Video Recorder Platform with Intel® Core™ i Processor

Front View

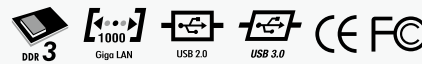


Rear View



## Features

- In-Vehicle Network Video Recorder Platform
- Fanless System
- 204-pin Dual-Channel DDR3L 1333 MHz SODIMM x 2 up to 16 GB
- Intel® Integrated Graphics Engine Supports Three Display by VGA x 1, HDMI x 1, DP x 1
- Realtek® Ethernet Connection x 5 w/ 4-port POE
- Mini-PCIe Socket x 3 (Full card size) , mSATA Expansion x 1
- Built-in CAN 2.0B. Optional OBDII Function (SAE J1939/J1708)(UART Interface)
- E-Mark Certified

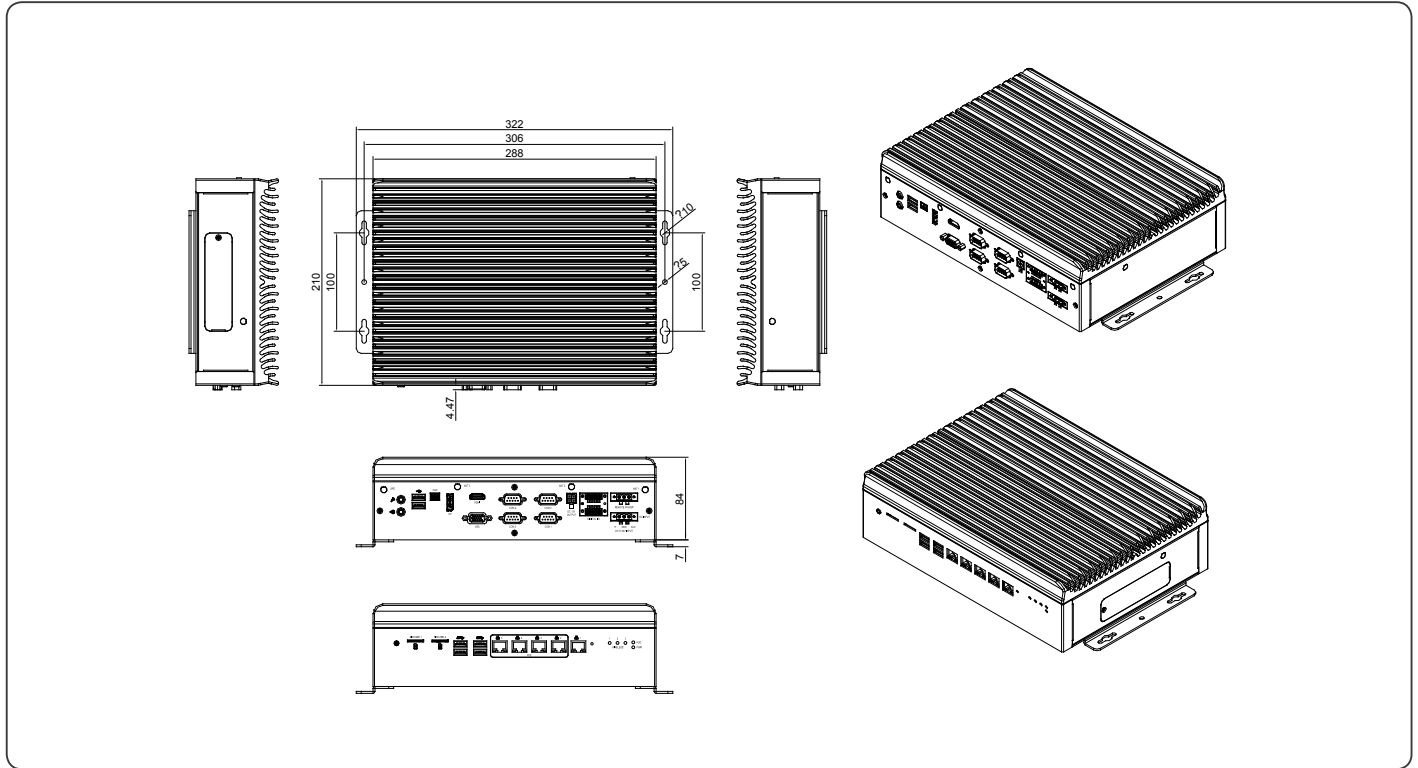


## Specifications

System	
Form Factor	In-Vehicle NVR
Processor	Intel® 4th Gen. Core™ i3/i5/i7 Processor (Default: i7-4700EQ)
Chipset	Intel® QM87
Main Memory	Up to 16GB, DDR3L 204-pin SODIMM
Display	VGA x 1, HDMI x 1, DP x 1
Ethernet	10/100/1000Base-TX x 5
PoE Ethernet Port	PoE LAN x 4, RJ45 Ports support IEEE 802.3 at/af with total PoE power budget of 60W
RAID support	0/1
Expansion Slot	Mini-Card slot x 3 (for 3G/4G/Wifi Module) Built-in CAN 2.0B x 1
GPS	On board (GPS/GLoS)
Front I/O Panel	Power Button x 1 3G/4G/WIFI LED x 3 USB3.0 x 4 SIM slot x 2 GbE port (RJ-45) x 1 PoE LAN x 4
Rear I/O Panel	DC-In power x 1 Remote Power x 1 8bit DIO x 1, 4-ch digital input (Wet/dry contact with Isolation Protection 3,000 VDC), 4-ch digital output (Compatible 5 V/TTL, 31 mA max. per channel) DC 12V Output x 1 RS-232 x 2, RS-232/422/485 x 2 VGA out x 1, HDMI x 1, DP x 1 CanBus connector x 1 USB2.0 x 2 Audio Line-out x 1, Mic-In x 1
Storage	
HDD Tray	2.5" HDD Bay x 2
CF/CFast/mSATA Slot	mSATA Slot x 1
Environmental	
Operating Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Temperature	-40°F ~ 185°F (-40°C ~ 85°C)
Storage Humidity	10%~80% @40°C, non-condensing
Vibration/Shock	MIL-STD-810G
Certification	CE & FCC Class A, EMARK
Power Requirement	
Power Supply	DC 10-35V
Mechanical	
Removable HDD Tray	3.5" or 2.5" HDD x 2 (Optional, MOQ apply)
Internal System HDD Bay	2.5" HDD x 2
Dimension	11.34" x 8.27" x 3.3" (288mm x 210mm x 84mm)
Gross Weight	8.3 lb (3.8 kg)
Note	—

## Dimension

Unit: mm



## Ordering Information

Part Number	Chipset	RAM	Cooler	Storage	RAID Support	Display	LAN	PoE	USB	RS-232	RS-232/422/485	Expansion Slot	Form Factor	Power
VPC-5500S-I47-A10-W1	Intel® Core i7-4700EQ	204-pin SODIMM	Fanless	2.5" HDD tray x 2, mSATA slot x 1	0/1	VGA x 1, HDMI x 1, DP x 1	GbE x 5	4 Ports	USB3.0 x 4, USB2.0 x 2	2	2	Mini-Card slot x 3 (for 3G/4G/Wifi Module) Built-in CAN 2.0B x 1	Desktop	DC 10-35V

## Packing List

- Product CD
- VPC-5500S

## Optional Accessories

- **1255901204**  
120W Adapter, AC Input, 19V DC for VPC Series
- **9741909A00**  
WiFi Module Kit, 802.11 a/b/g/n + BT 4.0, (Bointec DPE-909AA), with Cable & Antenna
- **17599RFA0B**  
WiFi Antenna
- **1700010252**  
WiFi Coaxial Cable
- **978966660G**  
GPS Antenna
- **9741809000**  
3G Module Kit, with Cable and Antenna, Sierra, MC8090
- **17599RFA09**  
3G Antenna
- **1700010255**  
3G Coaxial Cable
- **9741EC20E0**  
PCIe Mini Card, 4G LTE Module Kit for Europe/Asia, Quectel, EC20-E