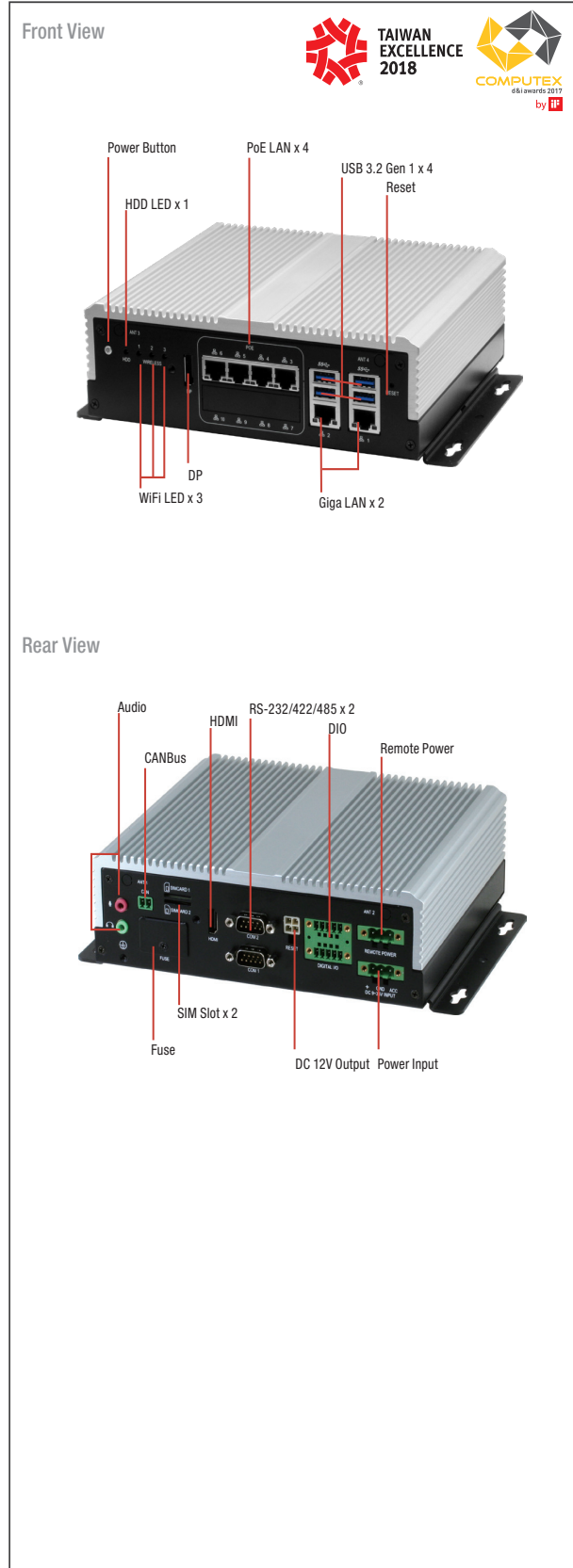


**07** **VPC-5600S**

Multi-PoE & Fanless Appliance with 7th Generation Intel® Core™ Processors

Smart In-Vehicle & AMR BOX PC



**Features**

- In-Vehicle Platform
- 260-pin DDR4 2133MHz SODIMM x 2, up to 32GB
- Intel® Integrated Graphics Engine Supports HDMI x 1 + DP x 1
- Realtek® Ethernet x 6 (PoE x 4, LAN x 2)
- Mini-PCIe x 3 (Full Size x 2, Half Size x 1), mSATA x 1 (Optional)
- Built-in CAN 2.0B. Optional OBDII Function (SAE J1939/J1708) (UART Interface)
- E-Mark Certified



**Specifications**

System	
Form Factor	Multi-PoE & Fanless Appliance
Processor	7th Generation Intel® Core™ i3/i5/i7 Processors Default: Intel® Core™ i3-7100U Project Base: Intel® Core™ i5-7300U, Intel® Core™ i7-7600U
Chipset	—
Main Memory	DDR4 2133MHz SODIMM x 2, up to 32GB
Display	HDMI x 1, DP x 1
Ethernet	PoE x 4, LAN x 2, RTL8111E 10/100/1000 Base-T
Smart PoE	4 ports, sharing 60W of power budget for every four PoE ports.
RAID support	RAID 0, RAID 1
Expansion Slot	Mini-Card x 3 (USB 2.0 x 2 + PCIe & USB 2.0 x 1) Built-in CAN 2.0B x 1
GPS, G-Sensor	On board (GPS/GLONASS), G Sensor
Front I/O Panel	Power Button x 1 3G/4G/WIFI LED x 3 USB 3.2 Gen 1 x 4 RJ-45 x 2 for GbE PoE LAN x 4 (IEEE 802.3 at/af) DP x 1 Reset Button x 1
Rear I/O Panel	DC-in Power x 1 Remote Power x 1 8-bit DIO x 1, 4-CH Digital Input (Wet/dry contact with Isolation Protection 3,000VDC), 4-CH Digital Output (Compatible 5 V/TTL, 31mA Max. per Channel) 12V/1A DC Output x 1 RS-232/422/485 x 2 HDMI x 1 CanBus x 1, Audio Line-out x 1, Mic-In x 1 SIM Slot x 2
Storage	
HDD Tray	2.5" SATA SSD x 2
CF/CFast/mSATA Slot	mSATA Slot x 1 (Optional, If mSATA x 1 used, then only one SATA available)
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 10-36V, with ignition pin
Mechanical	
Removable HDD Tray	Hot swappable 2.5" SSD x 2 (Project base) via extension module
Internal System HDD Bay	2.5" HDD x 2
Dimension	6.85" x 7.87" x 2.52" (174mm x 200mm x 64mm)
Gross Weight	5.7 lb. (2.6Kg)
Note	—

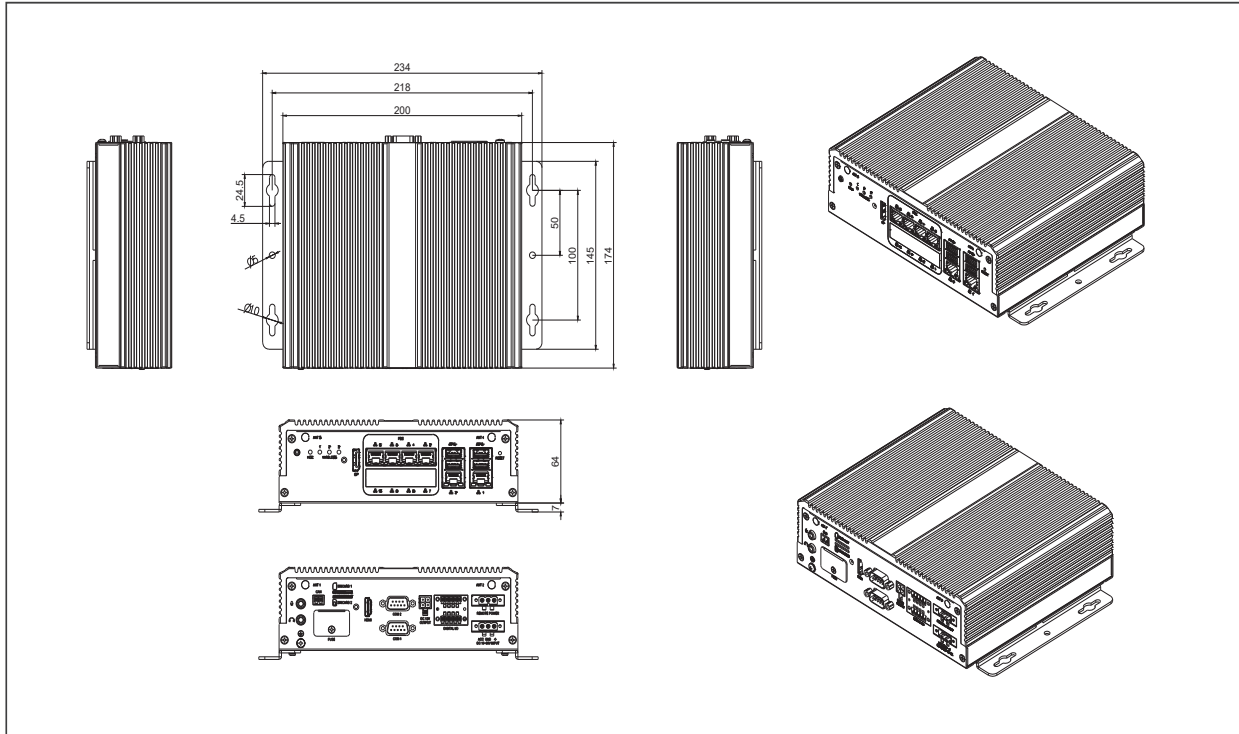
# VPC-5600S

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Smart In-Vehicle & AMR BOX PC

## 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-5600S-143-A11-W1	Intel® Core™ i3-7100U	32GB DDR4 SODIMM x 2	Fanless	2.5" SSD x 2	RAID 0, 1	DP x 1, HDMI x 1	GbE x 2	4 Ports	USB 3.2 Gen 1 x 4	—	2	Mini-Card x 3 Built-in CAN2.0B x 1	Desktop	DC 10-36V

## Packing List

- Wall mount bracket
- SATA cable x 2
- SATA Power Cable x 2
- VPC-5600S

## Optional Accessories

- **9741236A00**  
WiFi module kit, 802.11ac/a/b/g/n.BT4.2.USB Signal.SparkLan.WPET-236ACN(BT).W/2 sets of cable&antenna
- **978966660G**  
GPS Antenna
- **9741EG25G0**  
PCIe mimi card 4G LTE module kit Global Band W/SIM holder w/ Cable & antenna
- **1702031803**  
Power Cord.3P-250V 10A 180D.1.8M.VDE.FAN-JET.YP-22/YC-12 (Euro)
- **1702031802**  
Power Cord.3P-125V 10A 180D.1.8M.USA.FANJET.YP12/YC-12 (USA)
- **170203180E**  
Power Cord. 3P. 125V/7A. 1. 8M. PSE YP12/YC12 Certificat (JPN)
- **9651560001**  
Package of VPC-5600S mating connectors
- **1255X00059**  
(TF)AC/DC Power Supply.input AC100-240V output DC 19V.6.32A.120W.3P phoenix.5.08mm.FSP.FSP120-ABAN3.9NA1208542

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660