

**Intel® 11 Gen. /i7/i5/i3 Processor(Tiger Lake Platform)
In-Vehicle Computer**

IES-5410B



Features

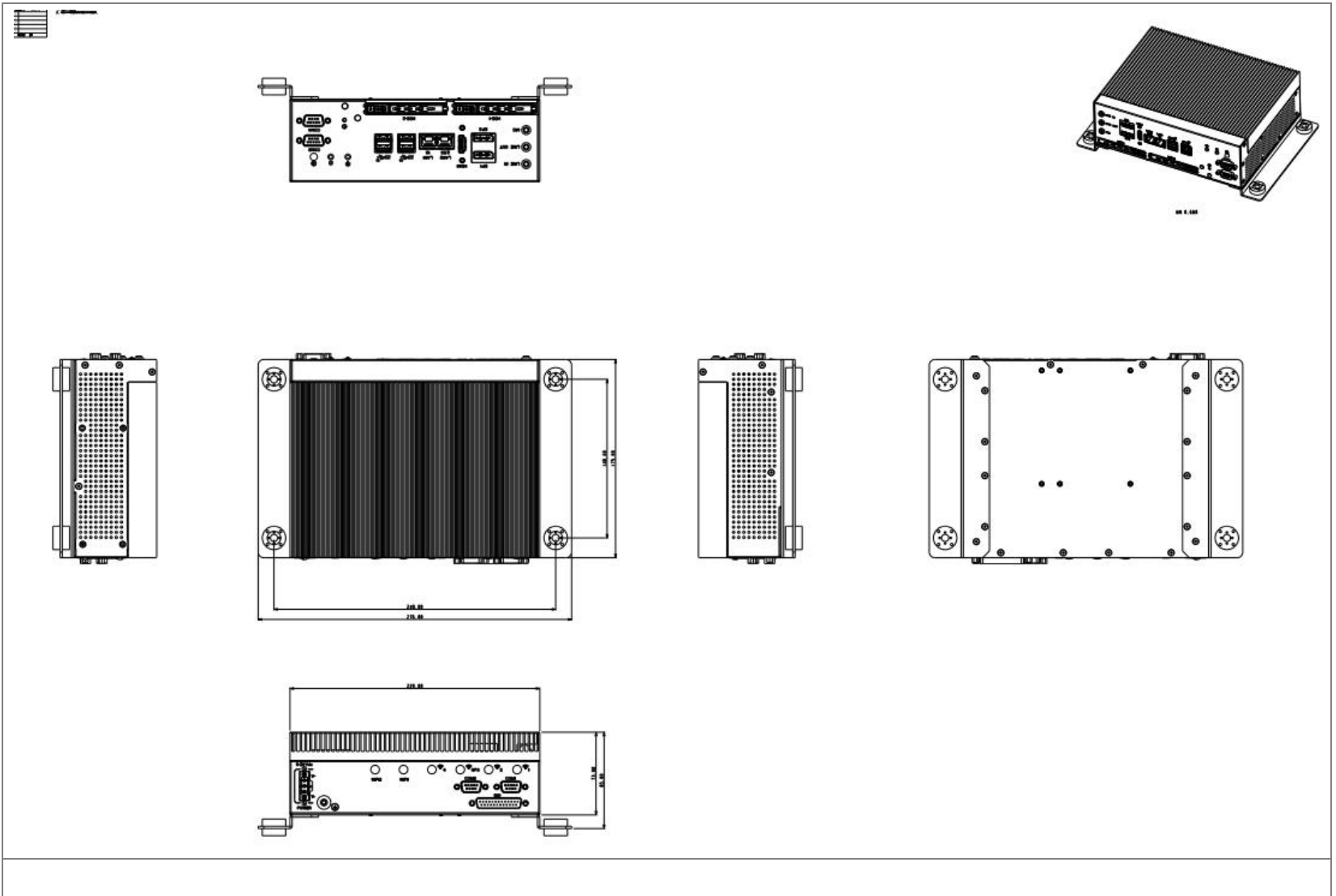
- Intel® 11th Generation Core™ i7/i5/i3 Processor
- Support 1 DDR4 3200 SODIMM, up to 32GB
- Support 2.5GbE, USB 3.2 Gen2
- CAN Bus provide
- Two front easy access 2.5" SATA III storage bay
- 9-32Vdc w/in-vehicle power ignition control
- Fanless design
- Wide Operating Temperature -20~55°C

Specifications

System		Interface	
CPU/GPU	i7-11850HE (8C/16T, 2.60GHz, up to 4.70GHz) i5-11500HE (6C/12T, 2.60GHz, up to 4.50GHz) i3-11100HE (4C/8T, 2.40GHz, up to 4.40GHz)	Serial Port	2 x DB9 Type RS-232/RS422/485, 2 x DB9 Type RS-232
Memory	1 DDR4-3200 Memory supports up to 32GB (ECC)	CAN Bus	1 x DB9 CAN bus
Storage	2 Front-access 2.5" SSD/HDD Tray	Ethernet	LAN 1 : 1 x RJ45 Type Intel® I225 2.5GigE LAN LAN 2 : 1 x RJ45 Type Intel® I219 GigE LAN
Real time clock	Yes	USB	4 x Type A USB 3.2 Gen2
Indicators	Power, HDD, Status	DI/DO	16 x DIO DB25
Wireless	Wi-Fi, 4G/5G Lte	Audio	1 x Mic-in, 1 Line-in, 1 Line-out
Operating System	Ubuntu 20.04.2/Kernel 5.8 or Linux 4.18 kernel Window 10, 64 bit	Display	1 x HDMI , 2 x DP
Power Supply		Power Connector	3 Pin Pheonix connector
Power Requirement	DC 9-32Vdc w/Power ignition	Expansion Slot	1 x M.2 B Key(3052) for 4G/5G/GPS 1 x Half Size Mini PCIe slot 1x Nano SIM card slot
Power Consumption	--	Other Interface	--
MTBF (Hours)	70000	Other	
Environmental and Mechanical		TPM	2.0
Dimension	220mm(W) x 175mm(D) x 73mm(H)		
Weight	3.1Kg		
Mouting/Installation	Wall Mount		
Operating Temperature	-20°C to 55°C		
Storage Temperature	-40°C to 80°C (-40°F to 176°F)		
Operating Humidity	5~90% (non-condensing)		
Certification			
Humidity	5% to 90% Humidity, non-condensing		
Shock	IEC 60068-2-27 SSD : 50G @ wall mount , Half-sine, 11ms		
Vibration	IEC 60068-2-64 SSD : 5Grms, 5Hz to 500Hz, 3 Axis		
EMC	CE, FCC		

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
IES-5410B Intel i7-11850HE, CAN Bus	IES-5410B 3-pin Terminal block Connector x1 Wall mount bracket Set

Optional Accessories

Part Number / Item			
	DDR4	4GB/8GB/16GB/32GB	
	Wi-Fi & Bluetooth module with Dual Antenna		
	4G/5G Module		