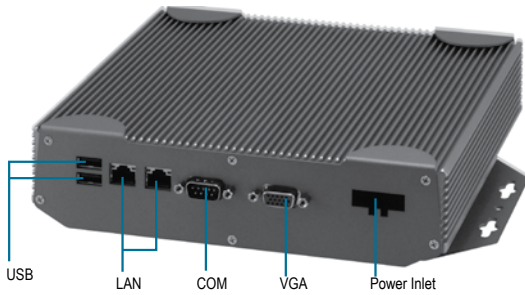
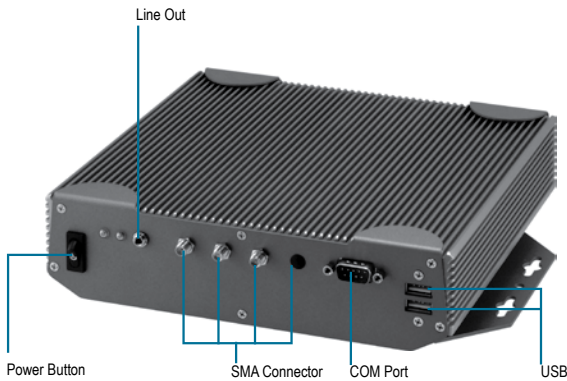


# AEV-6312

In-Vehicle Embedded Controller With Intel® Atom™ D510 Processor

12

In-Vehicle Embedded Controller Solutions



## Features

- Fanless Design
- Intel® Atom™ D510 Processor
- Supports GPS Inside
- Power On Ignition Delay Control
- Wireless Communication Support (Optional)



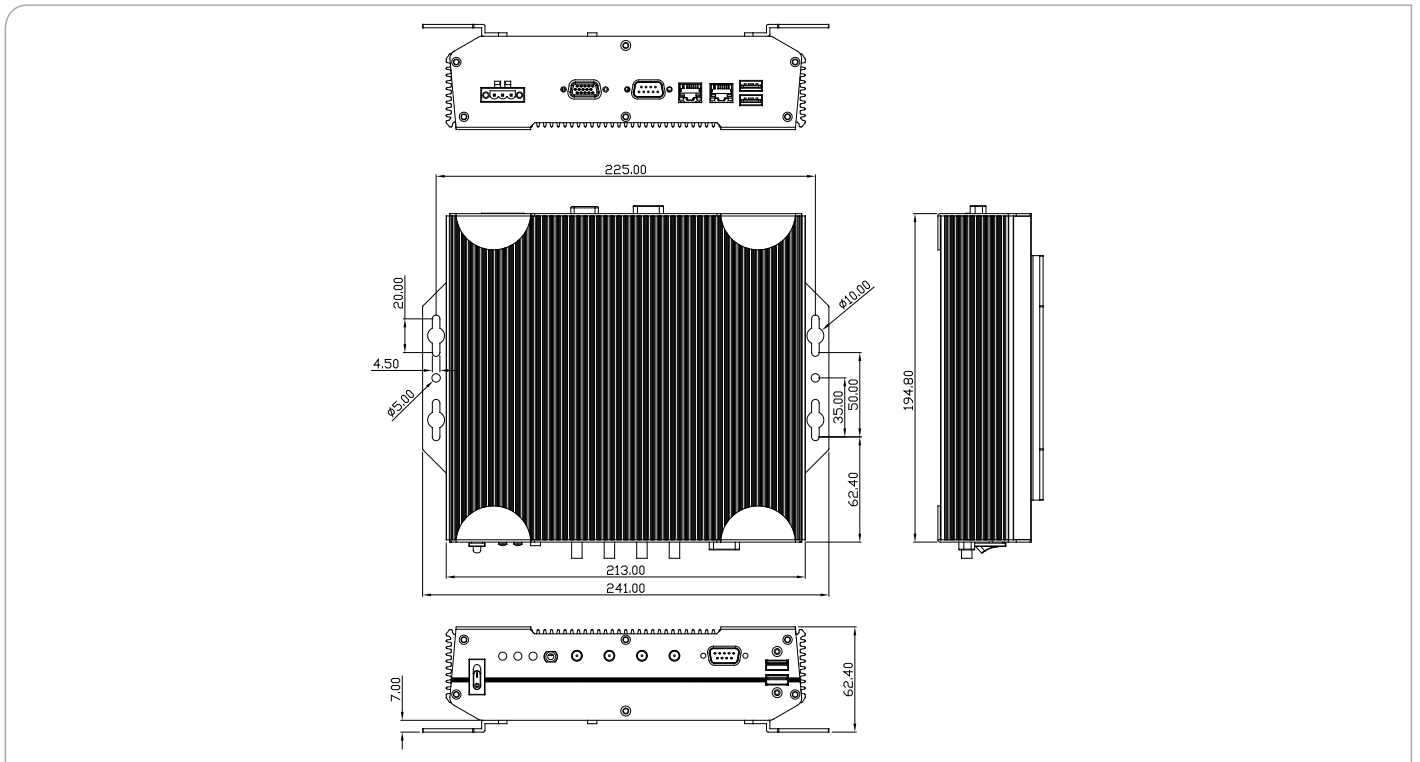
## Specifications

CPU	Intel® Atom™ D510 1.6 GHz	
Chipset	Intel® ICH8M	
System Memory	200-pin DDR2 SODIMM x 1, Max. 2GB	
Display Interface	VGA	DB-15 x 1, shared system memory up to 384MB/ DVMT 4.0
	DVI	—
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x 1
	HDD	SATA 1.5Gb/s HDD bay x 1
Network	LAN	Gigabit Ethernet
	Wireless	Optional by Mini card
Front I/O	USB Host	2
	LAN	—
	Serial Port	1
	DIO	—
	Audio	Line-out x 1
	KB/MS	—
	Others	Power button x 1, SYS LED x 1, HDD LED x 1, SMA connector x 3
Rear I/O	USB Host	USB2.0 x 2
	LAN	RJ-45 x 2
	Serial Port	1
	DIO	—
	Audio	—
	KB/MS	—
Others	Power inlet x 1, VGA x 1	
Expansion	PCIe (x1)	—
	PCI	—
	Mini Card	2
	Mini PCI	—
Others	—	
Indicator	Front	System LED x 1, HDD LED x 1
	Rear	—
Power Requirement	DC 9-36V	
Power Consumption	—	
System Cooling	Passive cooling	
Mounting	Wallmount	
Operating Temperature	—	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	5 g rms/ 5 ~ 500Hz/ operation – CFD 1 g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFD	
MTBF	—	
Certification	EMC	CE/FCC
	Safety	—
Dimension (W x H x D)	—	
Gross Weight	7.7 lb (3.5 Kg)	
Note	—	

# AEV-6312

## Dimension

Unit: mm



## Ordering Information

- TF-AEV-6312-A1-1010  
Embedded Controller, Intel® Atom™ D510, DC9-36V/ATX, 2 C, 4 U, VGA, LAN