

# AEC-VS01

4-CH PoE Fanless Embedded Controller With Intel® Atom™ D2550 Processor



## Features

- Intel® Atom™ D2550 1.86 GHz Processor
- Gigabit Ethernet, RJ-45 x 2
- RS-232 x 3, RS-232/422/485 x 1
- USB2.0 x 4
- 4-CH PoE
- Digital Input/ Output x 10
- Fanless Operation
- Swappable HDD Kits Support



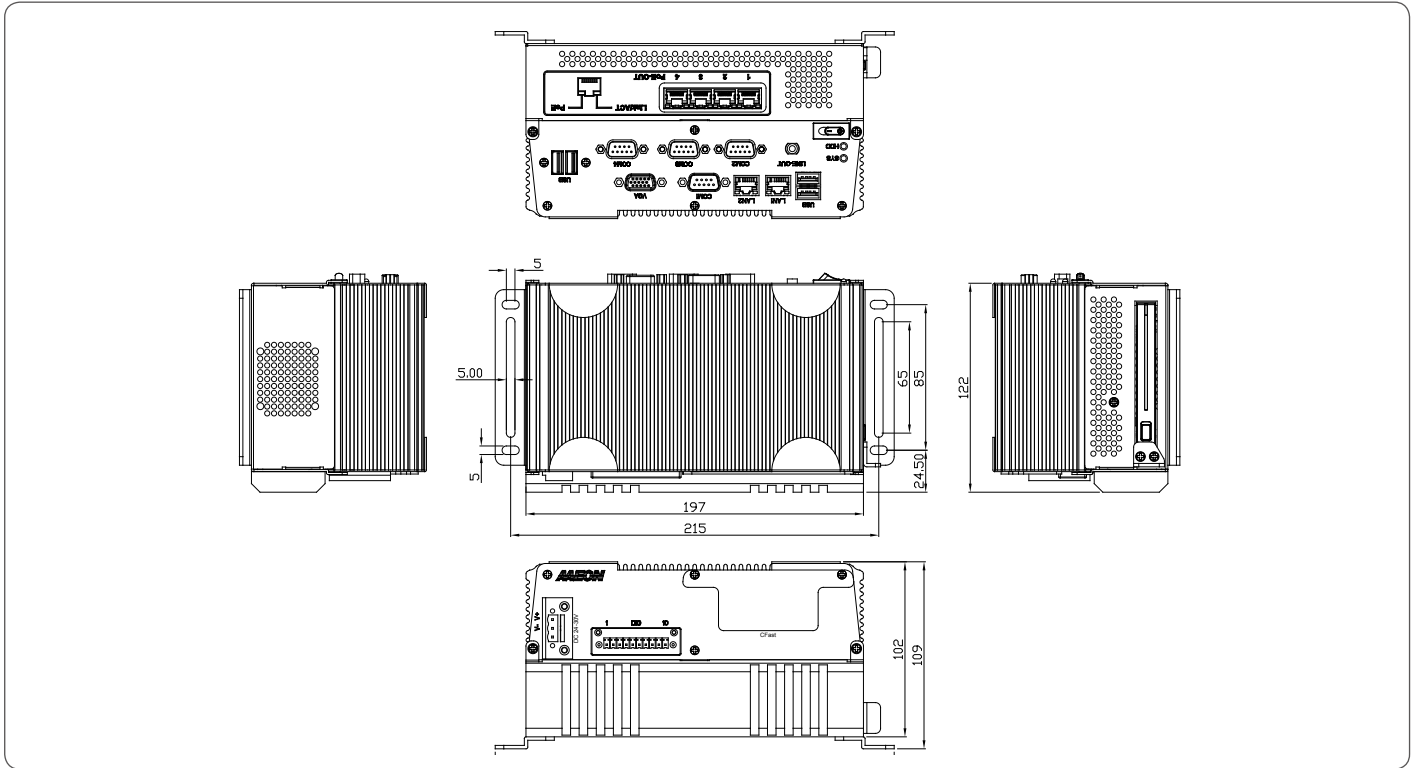
## Specifications

CPU	Intel® Atom™ D2550 1.86 GHz	
Chipset	Intel® NM10	
System Memory	DDR3 800/1066 SDRAM SODIMM x 1, Max. 4 GB	
Display Interface	VGA	VGA x 1
	DVI	—
	HDMI	—
	Others	—
Storage Device	SSD	CFast™ slot x 1
	HDD	2.5" SATA HDD Bay x 1
	Others	—
Network	LAN	Gigabit Ethernet
	Wireless	Optional by Mini Card
Front I/O	Display	—
	Wireless	Antenna hole x 2
	Storage	CFast™ slot x 1
	Audio	Line out phone jack x 1
	DIO	DIO (10-bit) x 1
	Others	Power Switch x 1
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial port	RJ-45 x 4 (RS-232 x 3, RS-232/422/485 x 1)
	Expansion	Mini PCIe slot x 1
	Others	4-CH PoE
Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	1
	Mini PCI	—
	Others	—
Indicator	Front	HDD LED x 1, System LED x 1
	Rear	—
Power Requirement	DC 24-30V	
Power Consumption	—	
System Cooling	Passive	
Mounting	Wallmount	
Operating temperature	32°F ~ 122°F (0°C ~ 50°C) w/ Airflow	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	3 g rms/ 5 ~ 500Hz/ operation – CFD	
	1 g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	20 G peak acceleration (11 msec. duration) – HDD	
MTBF(Hours)	—	
Certification	EMC	CE / FCC Class A
	Safety	—
Dimension (W x H x D)	7.76" x 4.8" x 4.02" (197mm x 122mm x 102mm)	
Gross Weight	—	
Note	PoE Support	

# AEC-VS01

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Audio	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temperature
AEC-VS01-A1M-1010	Atom D2550, 1.86 Processor	—	2	4	3	1	Line out	CFast™ x 1 2.5" HDD Kit x1	—	VGA x 1	Mini-card x 1	Wallmount	DC 24-30V	0°C ~ 45°C with HDD

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad (60mm x 25mm x 3mm) x 1
- Product CD
- AEC-VS01

## Optional Accessories

- **1757912001**  
Power Adapter (120W), Output: DC 19V
- **1702031830**  
Power Cord (US Type)
- **1702031831**  
Power Cord (European Type)
- **1702031810**  
Power Cord (Japanese Type)