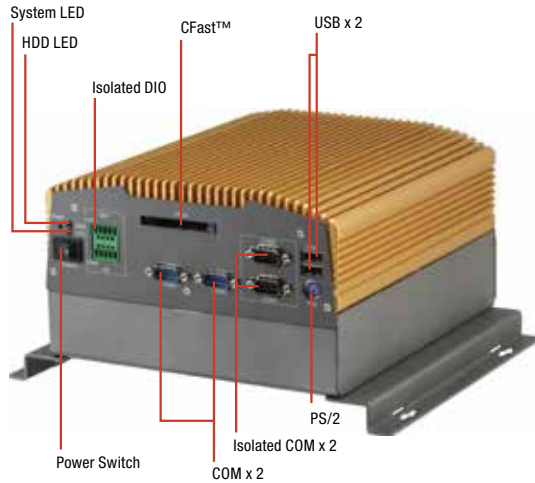


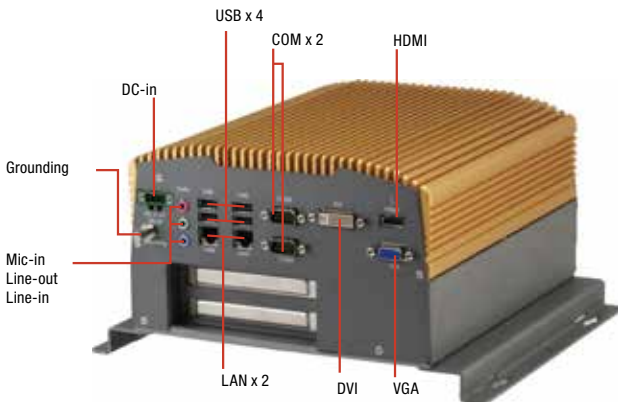
# AEC-6967

Advanced Fanless Embedded Controller With Intel® 2nd Generation Core™ i Series Processors and PCI-Express Expansion

Front View



Rear View



## Specifications

CPU	Intel® 2nd generation Core™ i Series Processors	
Chipset	Intel® QM67 or Intel® QM77	
System Memory	DDR3 1066/1333MHz SODIMM x 2, up to 16GB	
Display Interface	VGA	DB-15 x 1, shared system memory above 512MB/ DVMT 5.0
	DVI	DVI-D x 1 (optional 2nd DVI), support 1920 x 1200 @ 60 Hz
	HDMI	HDMI x 1, support 1920 x 1200 @ 60 Hz
	Others	Dual-channel 24-bit LVDS (optional extension kit)
Storage Device	SSD	CFAST™ slot
	HDD	SATA 6.0Gb/s x 2 (SATA 0, 2), SATA 3.0Gb/s x 2 (SATA 2, 3), Support RAID 0,1,5,10
Network	LAN	Gigabit Ethernet
	Wireless	Optional by Mini Card
Front I/O	USB Port	USB2.0 x 2
	LAN	—
	Serial Port	RS-232 x 1 , RS-232/422/485 x 1, 2.5KV Isolation RS-232 x 2
	DIO	2.5KV Isolation protection
	Audio	—
	KB/MS	PS/2 x 1
	Others	Power button x 1, Reset button x 1

## Features

- Intel® 2nd Generation Core™ i Processors
- Dual-Channel SODIMM DDR3 1066/1333/1600 Memory, Up to 16GB (Support DDR3-L in Intel® Core™ i7/i5)
- Intel® Integrated Graphics Engine Supports Dual View by VGA, DVI, HDMI, LVDS
- COM x 6 (2.5KV Isolation x 2), 2.5KV Isolated DIO x 1
- Mini Card Slot x 2, CFAST™ x 1
- PCI-Express[x4] x 2 or PCI x 2 or PCI x 1 + PCI-Express[x4] x 1
- TPM x 1 Module (Optional)
- Wide Temperature Support with Intel® Core™ i7-2610UE Processor
- AAEON Hi-Safe & Hi-Manager Support

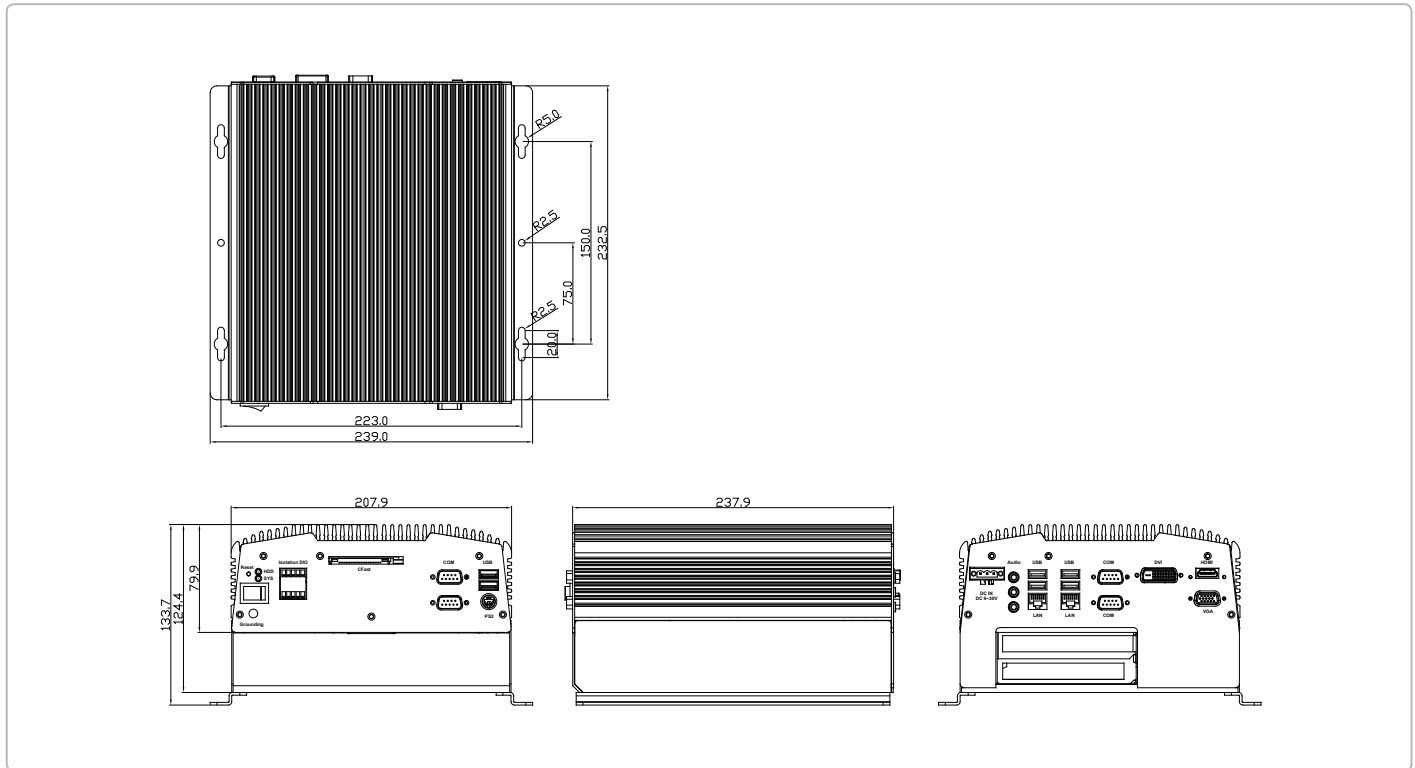


Rear I/O	USB Port	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 2
	DIO	—
	Audio	Mic-in, Line-in, Line-out
	KB/MS	—
Expansion	Others	Power input x 1
	PCIe [x4]	2 (optional)
	PCI	2 (optional, limited 2.1A@12V)
	Mini Card	2 (optional)
	Mini PCI	—
	Others	SIM x 1 (optional)
Indicator	Front	System LED x 1, HDD LED x 1
	Rear	—
Power Requirement	DC-in 9~30V input, optional 100~240V	
Power Consumption	Intel® Core™ i7-2610UE 3.46A@9V or 1A@30V	
System Cooling	Passive Cooling	
Mounting	Wallmount	
Operating Temperature	Without Airflow (not include riser card)	Ambient with Airflow (not include riser card)
	-4°F ~ 122°F (-20°C ~ 50°C) -35W TDP CPU -4°F ~ 149°F (-20°C ~ 65°C) -17W TDP CPU	-4°F ~ 140°F (-20°C ~ 60°C) -35W TDP CPU -4°F ~ 167°F (-20°C ~ 75°C) -17W TDP CPU
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	3 g rms/ 5 ~ 500Hz/ operation – CFAST™ 1 g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFD 20 G peak acceleration (11 msec. duration) – HDD	
MTBF	43000 hours	
Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)	8.19" x 4.02" x 9.37" (208mm x 102mm x 238mm)	
Gross Weight	—	
Note	Windows® XP Embedded, Windows® XP, Windows® 7, Linux Fedora 15-2.6.38.6 Support	

# AEC-6967

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	Isolated RS-232	Isolated RS-232/422/485	Isolated DIO	Storage	Display	Expansion	Mounting	Power	Temp.
AEC-6967-A1-1010	Intel® Core™ i7-2610UE - 1.5GHz	4GB	2	6	4	1	1	8 Channel	CFast™ Kit x 1 HDD Kit x 1	HDMI x 1 DVI x 1 VGA x 1	PCI x 1 PCIe x 1 Mini Card x 2	Wallmount	9-30V	-20°C ~ 65°C (w/o air)
AEC-6967-A2-1010	Intel® Core™ i7-2610UE - 1.5GHz	4GB	2	6	4	1	1	8 Channel	CFast™ Kit x 1 HDD Kit x 1	HDMI x 1 DVI x 1 VGA x 1	PCI x 2 Mini Card x 2	Wallmount	9-30V	-20°C ~ 65°C (w/o air)
AEC-6967-A3-1010	Intel® Core™ i3-2310E - 2.1GHz	4GB	2	6	4	1	1	8 Channel	CFast™ Kit x 1 HDD Kit x 1	HDMI x 1 DVI x 1 VGA x 1	PCI x 1 PCIe x 1 Mini Card x 2	Wallmount	9-30V	-20°C ~ 50°C (w/o air)
AEC-6967-A4-1010	Intel® Core™ i3-2310E - 2.1GHz	4GB	2	6	4	1	1	8 Channel	CFast™ Kit x 1 HDD Kit x 1	HDMI x 1 DVI x 1 VGA x 1	PCI x 2 Mini Card x 2	Wallmount	9-30V	-20°C ~ 50°C (w/o air)
AEC-6967-A5-1010	Intel® Core™ i7-2610UE - 1.5GHz	4GB	2	6	4	1	1	8 Channel	CFast™ Kit x 1 HDD Kit x 1	HDMI x 1 DVI x 1 VGA x 1	PCIe x 2 Mini Card x 2	Wallmount	9-30V	-20°C ~ 50°C (w/o air)

## Packing List

- Phoenix Power Connector x 1
- M3 x 4mm Screw x 4
- 6# -32 x 10mm Screw x 6
- Wallmount Bracket x 2
- Product DVD
- AEC-6967

## Optional Accessories

- **1757912001**  
Power Adapter (120W), Output: DC 19V
- **1757908401**  
Power Adapter (84W), Output: DC 12V
- **1702031830**  
Power Cord (US Type)
- **1702031831**  
Power Cord (European Type)
- **1702031810**  
Power Cord (Japanese Type)
- **9741696701**  
I/O Dust Cover Kit
- **9741696702**  
2nd 2.5" SATA HDD Kit