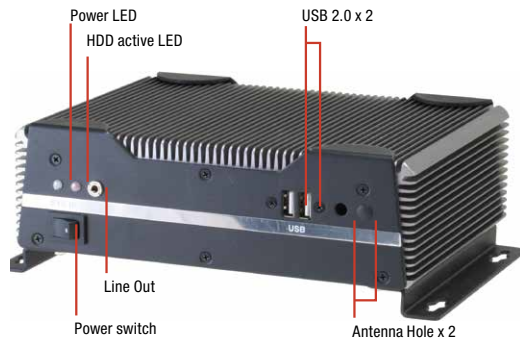
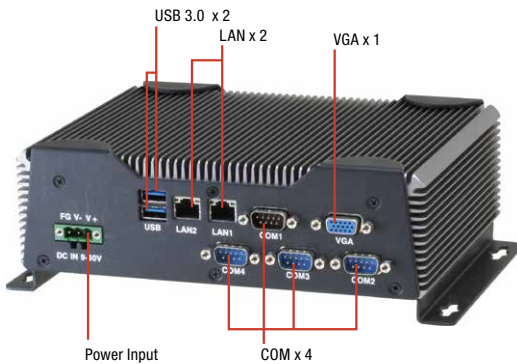


Fanless Embedded Box PC with Intel® QM77 Chipset

Front View



Rear View



Features

- 3rd Generation Intel® Core™ i7-3610QE, Core™ i5-3610ME Processor
- Intel® QM77 Chipset
- Intel® HD Graphics 4000
- COM x 4
- USB 3.0 x 2, USB 2.0 x 2
- VGA x 1
- Gigabit Ethernet x 2
- 2.5" SATA 6.0 Gb/s Hard Disk Drive Bay
- Fanless Operation
- AAEON's Hi-Safe & Hi-Manager Support



Power Consumption	Intel® Core™ i7-3610QE 2.3 GHz processor 3.26A@19V (61.94 W) without USB loading	
System Cooling	Passive	
Mounting	Wallmount	
Operating Temperature	5°F ~ 122°F (-15°C ~ 50°C) W/T CFast™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	5 Grms/ 5 ~ 500Hz/ operation – CFast™ 1 Grms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFast™ 20 G peak acceleration (11 msec. duration) – HDD	
MTBF (Hours)	49,000	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	8.35" (W) x 2.52" (H) x 6.2" (D) (212mm x 64mm x 156mm)	
Gross Weight	7.94 lb (3.6 kg)	
OS Support	WIN 7 32/64-BIT, WIN 8.1 32/64-BIT, WIN 10 32/64-BIT, WES 7 32/64-BIT, WES 8 32/64-BIT	

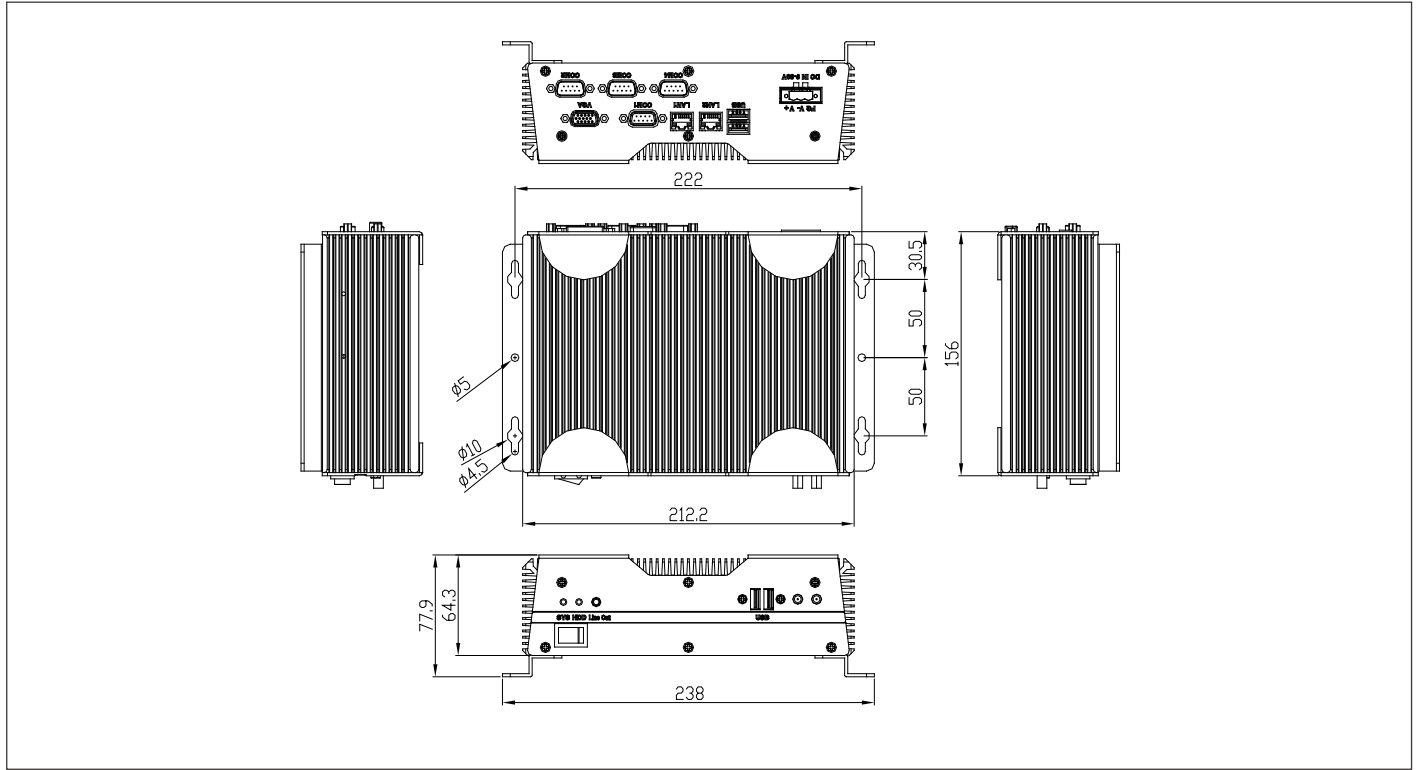
Specifications

CPU	Intel® Core™ i7-3610QE 2.3 GHz processor Intel® Core™ i5-3610ME 2.7 GHz processor	
Chipset	Intel® QM77	
System Memory	DDR3 1066/1333 MHz SODIMM x 1, up to 8 GB	
Display Interface	VGA	DB-15 x 1
	DVI	DVI-D x 1(AEC-6637-C1/C2)
	Others	—
Storage Device	SSD	Onboard CFast™ x 1
	HDD	2.5" SATA HDD bay x 1
Network	LAN	Gigabit Ethernet
	Wireless	—
Front I/O	USB Port	USB 2.0 x 2
	LAN	—
	Serial Port	—
	DIO	—
	Audio	Line-out x 1
	KB/MS	—
	Others	Power ON/OFF Switch x 1, antenna hole x 2
Rear I/O	USB Port	USB 3.0 x 2
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	—
	Others	Power input x 1, VGA x 1
Expansion	PCIe [x1]	—
	PCI	—
	Mini-Card	Mini-Card x 1
	Mini PCI	—
	Others	—
Indicator	Front	Power LED x 1, HDD active LED x 1
	Rear	—
Power Requirement	DC 9 ~ 30V with 3-pin terminal block	

AEC-6637

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
TF-AEC-6637-A1M-1010	Intel® Core™ i5-3610ME 2.7 GHz	—	2	4	3	1	CFAST™ x 1 HDD x 1	—	VGA x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFAST™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)
TF-AEC-6637-A2M-1010	Intel® Core™ i7-3610QE 2.3 GHz	—	2	4	3	1	CFAST™ x 1 HDD x 1	—	VGA x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFAST™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)
AEC-6637-C1-1010	Intel® Core™ i7-3610QE 2.3 GHz	—	2	4	3	1	CFAST™ x 1 HDD x 1	—	VGA x 1, DVI-D x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFAST™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)
AEC-6637-C2-1010	Intel® Core™ i5-3610ME 2.7 GHz	—	2	4	3	1	CFAST™ x 1 HDD x 1	—	VGA x 1, DVI-D x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFAST™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad x 4 (1998F15003 x 1, 1998666630 x 2, 1998666652 x 1)
- Product DVD
- AEC-6637

Optional Accessories

- **1255901202**
Power Adapter (120W), Output: DC 19V
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741663703**
Dual 2.5" SATA HDD Kit (Removable)
- **9741663704**
Dual 2.5" SATA HDD Kit
- **974166250A**
3.5 SATA HDD Kit
- **9741663701**
2.5 SATA HDD/DVD Kit w/o DVD-ROM
- **9741663700**
Slim DVD-ROM + 2.5" SATA HDD Kit
- **9741663702**
I/O Dust Cover Kit
- **9741662508**
Fan Kit for AIM/A2M
- **9741663705**
Fan Kit for C1/C2